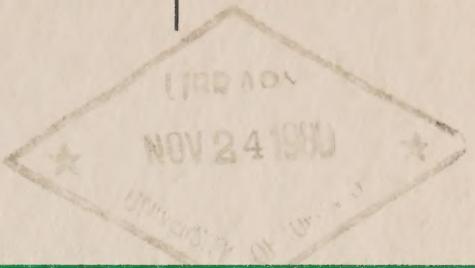




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Ministry  
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Environment

CA24N  
WR 25  
-78B03100

3  
Water Resources  
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Surface water series



# STREAMFLOW DATA FOR IHD REPRESENTATIVE BASINS 1965-1978





CA20N  
WR25  
-78B03100

WATER RESOURCES  
BULLETIN 3-100  
Surface water series

**STREAMFLOW DATA  
FOR  
IHD REPRESENTATIVE BASINS  
1965-1978**

MINISTRY OF THE ENVIRONMENT

Water Resources Branch

TORONTO

ONTARIO



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INTRODUCTION

The Water Resources Branch of the Ministry of the Environment herein presents the results of streamflow measurements that were made in selected International Hydrological Decade Representative Basins in southern Ontario, during the period 1965 to 1978.

As part of the Ontario Ministry of the Environment's contribution to the International Hydrological Decade (1965-1974), the former River Basin Research Section of the Water Quantity Management Branch was directed to carry out studies of water resources and physical conditions in representative basins in southern Ontario.

Five river basins were selected as being representative of large physiographic areas in the southern part of the Province, and hydrologic studies were undertaken to provide a better understanding of the water balance in these areas. The basins selected for detailed study were as follows (see Map 1):

1. East and Middle Oakville Creeks
2. Venison Creek
3. Blue Springs Creek
4. Bowmanville Soper and Wilmot Creeks
5. Wilton Creek

A portion of the work undertaken for the IHD program dealt with the instrumentation of the main streams and major tributaries, with continuous recording streamflow gauges. Staff of the River Basin Research Section were responsible for the instrumentation, collection, and computation of streamflow data in all basins except the Blue Springs Creek Basin. Collection of continuous streamflow data for the Blue Springs Creek Basin was not undertaken by this Ministry, and streamflow data for this basin are not included in this publication. Operation of some stations was continued during the years 1975 to 1978 by the Water Resource Assessment Units of the Ministry's Regional Offices at Stoney Creek and Don Mills, and by the Hydrology and Monitoring Section of the Water Resources Branch.

Enquiries concerning the details of individual stations and related records should be made to:

Supervisor, Hydrology and Monitoring Section,  
Water Resources Branch,  
Ministry of the Environment,  
135 St. Clair Avenue West,  
Toronto, Ontario.

DEFINITION OF TERMS AND ABBREVIATIONS

"Acre-foot" (ac-ft) is the volume of water required to cover an area of one acre to a depth of one foot. It is equal to 43,560 cubic feet.

"Control" is the condition or structure downstream from a gauging station that determines the stage-discharge relationship. Artificial controls were constructed in conjunction with many stations in the IHD Representative Basins in order to ensure a stable stage-discharge relationship. In general, these controls were broad-crested, concrete structures requiring minimal maintenance. In the absence of an artificial structure, a control is generally produced by the natural streambed.

"Cubic foot per second" (cfs) is a unit expressing the rate of discharge. One cfs is equal to one cubic foot of water flowing past a particular point in one second. This is the basic unit of flow in general use, all other units being computed from it by using factors given under the "Equivalents of Measurement".

"Stage-discharge relationship" is the relation at a gauging station on a stream between the water level and the discharge at that gauging station.

EQUIVALENTS OF MEASUREMENT

1 cubic foot per second = 0.28317 cubic metre per second

1 cubic foot = 6.2321 Imperial gallons

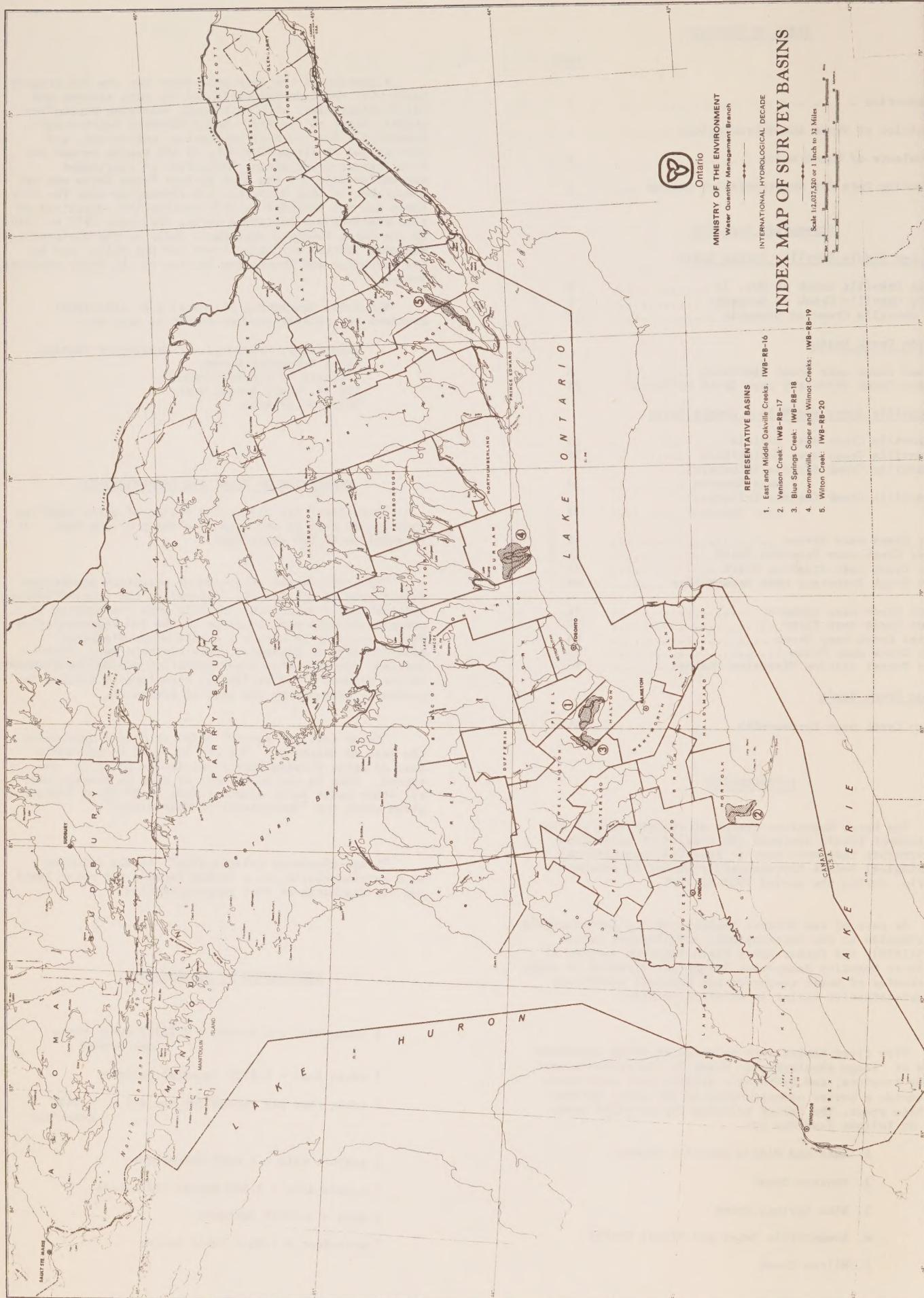
1 cubic foot per second for one day = 1.9835 acre-feet

1 statute mile = 1.6093 kilometres

1 square mile = 2.590 square kilometres

1 acre = 0.40469 hectares

1 acre-foot = 1233.5 cubic metres



## MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

1

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01												7.0	01
02												4.8	02
03												3.2	03
04												2.4	04
05												2.8	05
06												13.0	06
07												75.5	07
08												61.1	08
09												33.4	09
10												86.5	10
11												63.0	11
12												34.2	12
13												24.3	13
14												20.0	14
15												17.5	15
16												1.5	16
17												1.4	17
18												1.4	18
19												1.1	19
20												1.1	20
21												1.1	21
22												8.6	22
23												1.1	23
24												1.9	24
25												3.3	25
26												3.8	26
27												3.7	27
28												7.1	28
29												14.5	29
30												10.1	30
31												8.9	31
TOTAL												609.7	TOTAL
MEAN												19.06	MEAN
AC-FT												1209.33	AC-FT
MAX												86.5	MAX
MIN												2.4	MIN

## SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, CFS  
 MINIMUM DAILY DISCHARGE, CPS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT  
 3 MILES NORTH OF THE TOWN OF MILTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 15.8 SQUARE MILES.  
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED

REGULATED

## MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY					
01	10.1	19.9	8	9.4	B	111.0	14.3	3.3	36.9	1.0	0.66	3.2	7.3	2.7	01			
02	9.4	19.3	8	9.3	B	121.0	17.5	2.8	102.0	0.89	0.38	2.0	33.0	2.8	02			
03	8.7	17.8	8	9.2	B	257.0	25.0	2.4	83.6	1.1	0.21	1.2	24.3	3.7	03			
04	8.5	18.6	8	9.2	B	86.7	18.8	2.1	40.9	0.91	0.2	0.91	18.4	4.0	04			
05	8.2	B	18.2	8	9.3	B	83.7	15.3	1.9	25.4	0.76	0.17	0.87	14.0	4.4	05		
06	7.2	B	15.0	8	9.3	B	71.8	13.3	1.7	19.6	E	0.17	0.83	11.3	4.8	06		
07	7.5	B	17.5	8	9.2	B	55.9	16.4	2.2	14.7	E	0.22	0.82	9.4	5.5	07		
08	7.5	B	17.2	8	8.8	B	75.9	27.3	32.6	12.0	E	0.68	0.2	0.99	8.4	14.0	08	
09	7.0	B	17.0	8	9.1	B	48.4	23.7	29.4	9.8	E	2.0	0.2	8.4	12.9	09		
10	7.8	B	17.0	8	12.7	B	38.3	19.4	35.7	15.9	E	1.9	0.21	1.8	8.3	9.1	10	
11	6.5	B	17.2	8	48.0	B	34.9	20.9	74.2	15.2	E	1.2	0.19	1.3	8.2	12.4	11	
12	7.0	E	17.3	8	69.1	B	33.5	24.0	31.1	16.8	E	0.85	0.19	1.0	11.3	61.9	12	
13	7.1	E	17.0	8	39.6	B	18.2	18.0	13.7	0.66	E	0.2	0.98	11.6	52.9	13		
14	7.1	B	17.3	8	36.6	B	14.6	12.1	10.0	0.49	E	0.19	1.0	10.4	22.2	14		
15	7.1	B	20.4	B	37.4	B	32.9	13.2	8.8	8.5	E	0.47	0.16	1.1	9.0	B	13.8	
16	5.3	B	57.0	B	25.7	8	29.1	11.8	6.9	7.5	E	0.37	0.16	5.3	6.6	B	12.7	
17	6.1	B	40.3	8	20.7	8	33.5	10.4	8.0	6.3	E	0.49	0.15	14.1	7.2	11.2	17	
18	5.3	B	31.8	8	18.6	8	35.6	9.6	14.5	5.4	E	0.36	0.15	57.2	10.5	21.0	18	
19	5.5	B	25.8	B	15.7	8	28.5	9.9	9.5	5.2	E	0.5	0.13	28.0	12.5	36.9	19	
20	6.0	B	22.2	B	16.0	B	24.3	8.8	6.8	5.0	E	0.77	0.17	14.1	9.0	B	21.9	
21	6.4	B	19.5	B	16.5	B	23.2	8.5	6.1	4.1	E	0.69	1.3	9.7	7.4	B	107.0	
22	6.5	B	15.2	8	16.1	B	30.3	8.0	83.5	3.6	E	0.46	1.7	7.2	27.9	0	23	
23	26.9	B	13.0	8	15.6	B	26.6	7.6	36.0	3.3	E	0.37	0.98	5.8	11.5	57.5	B	
24	53.7	B	11.5	8	18.1	B	22.7	7.1	16.3	3.0	E	0.42	0.71	5.2	10.8	35.5	B	
25	60.5	B	11.3	8	22.4	B	19.9	6.7	12.3	2.4	E	0.26	0.53	4.8	9.4	27.8	B	
26	44.7	B	11.0	8	36.8	B	18.0	5.9	9.5	2.1	E	0.31	0.38	4.6	9.7	19.9	B	
27	48.9	B	10.5	8	71.3	B	16.5	5.5	7.0	1.7	E	0.56	0.46	5.9	8.9	12.1	B	
28	67.3	B	9.8	B	88.0	B	15.1	5.5	5.5	1.7	E	2.5	4.0	10.4	5.3	B	11.0	
29	43.2	B	27.8	B	89.9	B	13.9	5.1	37.1	1.5	E	1.9	14.1	9.0	3.9	B	10.2	
30	27.8	B	91.9	B	13.9	B	4.1	35.6	1.1	0.95	E	6.6	7.3	3.6	9.3	B	30	
31	21.5	B			92.8			3.5		1.3	E	0.92		6.5		8.4	B	31
TOTAL	552.3	B	545.6	B	982.3	B	1402.1	399.9	552.9	480.2	B	26.06	35.07	214.9	317.6	908.5	TOTAL	
MEAN	17.81	B	19.48	B	31.68	B	50.07	12.9	18.43	15.49	B	0.84	1.16	6.93	10.59	29.3	MEAN	
AC-FT	1095.48	B	1082.19	B	1942.39	B	2781.06	793.2	1096.67	952.47	B	51.69	69.56	426.25	630.35	1802.0	AC-FT	
MAX	67.3	B	57.0	B	92.8	B	257.0	27.3	83.5	102.0	B	2.5	14.1	57.2	33.0	279.0	MAX	
MIN	5.3	B	9.8	B	8.8	B	13.9	3.5	1.7	1.1	E	0.26	0.13	0.82	3.6	2.7	MIN	

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 17.7 CFS  
 TOTAL DISCHARGE, 12700 AC-FT  
 MAXIMUM DAILY DISCHARGE, 279.0 CFS  
 MINIMUM DAILY DISCHARGE, 0.13 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT  
 3 MILES NORTH OF THE TOWN OF MILTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 15.8 SQUARE MILES.  
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED

REGULATED

## MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.7 B	64.8	7.0	35.0	7.5	10.9	6.0	1.9	2.8	3.5	5.8	34.4	01
02	7.9 B	410.0	6.6	24.3	7.3	9.7	4.5	1.4	5.2	3.0	5.7	33.0	02
03	8.1 B	169.0	6.2	25.0	8.1	8.5	3.6	1.1	7.2	6.2	5.5	34.4	03
04	8.2 B	105.0	5.8	44.3	9.2	7.4	3.3	0.7	5.0	6.0	5.0	61.4	04
05	8.3 B	69.7	5.4	46.3	8.3	6.5	3.0	0.52	6.1	5.2	5.0	53.7	05
06	8.4 B	57.1	5.0	30.8	7.6	5.4	5.2	6.6	20.5	4.6	5.0	26.9 B	06
07	8.5 B	43.1	6.4	24.6	7.0	4.6	3.1	4.9	12.7	5.3	7.4	20.9 B	07
08	8.6 B	31.6	7.9	21.4	6.6	4.2	2.5	2.8	8.3	4.9	9.8	14.6 B	08
09	8.7 B	25.4	95.2	17.9	10.0	3.8	2.6	2.0	7.2	4.5	8.9	12.1 B	09
10	8.8 B	18.4	190.0	17.3	16.2	3.5	3.7	1.8	6.8	4.1	8.2	9.2 B	10
11	9.0 B	16.1	77.6	16.4	11.8	3.6	3.0	1.3	9.2	3.9	7.6	9.1	11
12	9.1 B	14.7	46.9	14.9	17.7	4.8	2.4	1.0	11.6	3.5	6.9	10.8	12
13	9.1 B	14.0	22.1	13.6	18.6	3.7	2.0	1.1	8.2	3.2	6.6	20.3	13
14	9.2 B	13.1	20.0	12.9	14.0	3.2	1.8	1.1	6.5	3.4	6.1	19.1	14
15	9.9 B	12.2	22.9	12.0	15.1	3.0	1.7	1.0	5.8	2.9	14.7	7.6 B	15
16	11.0	11.6	21.7	11.0	19.5	2.9	1.5	1.2	5.0	2.8	17.0	7.9 B	16
17	10.9	11.0	195.0	11.0	22.2	2.7	1.5	1.1	4.7	2.8	13.5	7.7 B	17
18	10.4	10.5	152.0	11.2	17.1	2.4	1.6	0.84	4.2	2.9	22.3	7.0	18
19	10.8	10.4	150.0	10.7	15.5	3.0	2.0	2.9	3.7	12.3	26.6	6.8	19
20	10.0	10.2	90.1	10.2	22.2	2.6	1.9	3.9	3.5	9.8	16.8	7.9	20
21	9.4	9.8	87.1	9.7	17.5	2.4	1.5	2.3	3.2	7.9	13.8	8.2	21
22	9.0	9.4	60.0	9.4	14.4	5.1	1.2	21.5	3.3	6.8	15.7	8.8	22
23	9.4	9.1	49.3	9.4	12.0	4.0	1.2	54.6	4.1	5.8	15.9	12.3	23
24	6.0 B	8.8	36.9	12.8	10.7	2.9	1.4	28.2	4.1	5.4	15.2	9.0 B	24
25	7.0 B	8.5	52.5	11.6	9.2	5.0	1.8	13.9	5.7	7.0	12.7	7.7 B	25
26	7.9 B	8.2	70.3	10.5	8.3	2.3	1.3	9.1	5.1	8.5	12.3	8.3 B	26
27	8.6 B	8.0	73.0	9.6	7.9	17.2	1.5	6.7	4.3	6.2	17.9	8.6 B	27
28	10.2	7.7	70.6	8.6	8.8	12.1	1.2	5.1	4.8	7.4	6.5	9.1 B	28
29	10.5	7.4	62.4	8.1	14.4	9.3	0.85	4.1	4.7	6.8	134.0	9.2 B	29
30	27.3		48.0	7.8	15.3	7.7	0.78	3.5	4.1	6.3	52.2	9.2 B	30
31	21.8		39.0		12.8		0.84	3.2		5.9		9.3 B	31
TOTAL	308.7	1194.8	1933.2	513.9	392.8	187.4	71.07	191.42	188.4	170.8	555.3	504.5	TOTAL
MEAN	9.95	41.2	62.36	17.13	12.67	6.24	2.29	6.17	6.28	5.5	18.64	16.27	MEAN
AC-FT	612.3	2369.88	3834.5	1019.32	779.11	371.7	140.96	379.68	373.69	338.78	1109.37	1000.67	AC-FT
MAX	27.3	410.0	217.0	46.3	22.2	25.3	6.0	54.6	20.5	12.3	134.0	61.4	MAX
MIN	6.0	7.4	5.0	7.8	6.6	2.4	0.78	0.52	2.8	2.8	5.0	6.8	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 17.0 CFS  
 TOTAL DISCHARGE, 12300 AC-FT  
 MAXIMUM DAILY DISCHARGE, 410.0 CFS  
 MINIMUM DAILY DISCHARGE, 0.52 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT  
 3 MILES NORTH OF THE TOWN OF MILTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 15.8 SQUARE MILES.  
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED  
 REGULATED

## MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.4 B	58.1	8.5	25.8	18.3	7.7	2.2	3.5	1.5	1.3	2.7	5.7	01
02	9.3 B	34.6	6.3	48.4	16.3	8.2	2.0	6.4	1.5	1.5	18.7	5.3	02
03	9.2 B	26.4	8.4 B	39.6	15.3	10.0	2.1	7.6	1.4	1.6	13.5	5.2	03
04	9.1 B	19.2 B	7.7 B	46.9	13.9	10.5	2.2	4.0	1.3	1.6	8.4	4.7	04
05	8.9 B	19.3 B	6.9 B	104.0	13.1	9.2	2.6	3.0	1.4	1.6	6.0	4.6	05
06	8.8 B	18.1 B	7.6 B	63.4	12.4	8.5	2.2	2.2	1.5	1.7	4.5	4.6	06
07	8.7 B	17.0 B	6.8 B	47.1	12.4	8.1	1.9	2.1	1.4	1.7	3.9	4.9	07
08	8.6 B	16.1 B	6.6 B	40.0	18.8	7.7	1.8	2.3	1.3	1.8	3.8	8.1	08
09	8.5 B	15.4 B	6.8 B	35.8	22.2	6.6	1.3	2.0	1.3	1.7	3.7	8.9	09
10	8.3 B	15.1	7.0 B	44.9	23.0	5.8	1.8	1.7	1.2	1.6	3.5	8.5	10
11	8.2 B	14.4	6.0 B	35.7	27.3	5.4	2.0	1.7	1.2	1.5	5.0	8.1	11
12	7.9 B	13.9	6.6 B	28.2	27.3	4.8	1.8	1.6	1.3	1.8	6.4	8.7	12
13	7.6 B	11.8 B	7.0	23.5	18.7	4.4	1.9	1.5	1.2	2.1	6.6	8.5	13
14	7.4 B	10.7 B	7.2	20.5	17.7	4.3	1.7	1.4	1.1	3.4	6.7	8.3	14
15	7.6 B	10.9 B	8.1	19.1	15.0	4.3	1.4	1.4	1.0	3.3	6.6	7.2 B	15
16	8.6	10.8 B	9.6	20.7	12.9	4.8	1.1	24.1	1.0	3.6	5.8	7.2 B	16
17	8.9	10.0 B	27.0	21.7	12.4	4.4	0.87	45.4	1.1	4.2	5.3	7.4	17
18	22.8	10.2 B	84.9	117.0	31.6	5.8	0.76	15.6	1.1	3.8	7.6	7.2	18
19	30.6	9.7 B	102.0	91.0	78.5	6.1	0.7	7.8	1.1	3.8	22.9	7.5 B	19
20	21.5 B	9.7 B	77.5	43.8	43.0	5.8	0.8	5.2	1.1	7.0	25.1	7.5 B	20
21	21.7 B	9.7	146.0	32.7	27.4	5.1	0.85	3.9	1.2	5.7	15.0	7.3	21
22	20.9	9.9	73.2	32.8	21.2	4.3	0.94	3.1	1.2	5.1	10.8	6.8	22
23	21.2	9.6	76.1	37.1	18.3	5.1	0.73	2.1	1.2	4.0	10.2	6.0 B	23
24	23.5	9.5	82.0	35.6	15.9	5.3	2.1	1.9	1.6	3.1	9.7	5.7 B	24
25	16.5 B	9.4	124.0	29.3	15.3	4.8	7.1	1.9	1.7	4.1	9.1	5.7 B	25
26	15.0 B	9.1	91.0	25.5	14.4	4.1	4.2	1.8	1.5	3.7	8.6	5.7 B	26
27	13.2 B	8.8	52.5	22.6	12.8	3.4	11.2	1.8	1.5	3.7	7.9	5.7 B	27
28	12.8	9.0	47.5	26.8	11.2	3.0	19.8	1.7	1.4	3.0	7.3	5.5 B	28
29	13.1		62.6	26.2	10.0	2.5	22.3	1.6	1.4	2.6	7.1	5.3 B	29
30	66.6		36.1	21.2	8.7	2.4	9.1	1.6	1.3	2.4	7.5	5.2 B	30
31	142.0		29.0		7.6		4.5	1.6		2.3		5.1 B	31
TOTAL	586.4	427.0	1230.5	1206.9	612.9	172.4	115.95	163.5	39.0	90.3	259.9	202.1	TOTAL
MEAN	18.91	15.25	39.69	40.23	19.77	5.74	3.74	5.27	1.3	2.91	8.66	5.51	MEAN
AC-FT	1163.12	846.95	2440.69	2393.88	1215.68	341.95	229.98	324.3	77.35	179.11	515.51	400.86	AC-FT
MAX	142.0	58.1	146.0	117.0	78.5	10.5	22.3	45.4	1.7	7.0	25.1	8.9	MAX
MIN	7.4	8.8	6.0	19.1	7.6	2.4	0.7	1.4	1.0	1.3	2.7	4.6	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 14.0 CFS  
 TOTAL DISCHARGE, 10100 AC-FT  
 MAXIMUM DAILY DISCHARGE, 146.0 CFS  
 MINIMUM DAILY DISCHARGE, 0.70 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT  
 3 MILES NORTH OF THE TOWN OF MILTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 15.8 SQUARE MILES.  
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED  
 REGULATED

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.0 8	9.4	4.5	22.6	20.2	5.1	1.6	2.2	2.0	3.1	32.4	15.2	01
02	4.9 8	10.0	4.4	51.6	18.7	4.8	1.3	1.8	1.3	3.1	27.0	13.7	02
03	4.8 8	9.4 8	4.3	79.6	15.8	4.8	1.1	1.5	0.92	3.7	17.6	16.7	E 03
04	4.8 8	9.0 8	8.9	71.5	14.7	4.4	1.2	1.2	5.8	4.3	14.4	50.4	F 04
05	4.8 8	8.7 8	24.6	47.5	14.1	3.9	1.1	1.1	3.0	4.2	12.8	35.4	05
06	4.8 8	7.8	22.0 8	44.5	12.7	3.8	0.82	0.93	1.7	4.7	11.7	19.1	8 06
07	4.9 8	7.2	22.7 8	49.9	11.6	3.3	0.83	0.78	1.2	4.0	10.5	12.9	B 07
08	4.9 8	7.0	16.9 8	58.4	12.0	3.2	0.72	0.72	2.0	3.5	9.5	8.5	B 08
09	4.8 8	6.8	13.2 8	73.2	11.7	2.2	0.84	0.63	2.6	3.1	8.9	25.2	09
10	4.6 8	6.7	10.5 8	59.1	11.7	2.3	1.6	0.62	1.8	2.9	10.0	36.8	10
11	4.7 8	6.7	9.1 8	42.7	11.4	2.0	1.8	0.71	1.2	2.9	10.6	21.3	11
12	4.7 8	6.0 8	8.2 8	35.7	11.6	2.0	1.4	0.81	1.0	3.2	15.1	16.7	B 12
13	4.8 8	6.1 8	8.1 8	32.1	11.6	1.8	0.96	0.72	0.77	4.2	13.2	17.6	B 13
14	5.1 8	5.9 8	8.4 8	28.6	11.5	1.7	1.5	0.68	1.0	5.3	11.2	18.1	B 14
15	5.2 8	5.7 8	7.7 8	26.9	14.6	4.0	5.2	0.61	1.7	5.2	11.2	18.2	15
16	5.1 8	5.6 8	8.3 8	24.4	27.4	3.9	3.2	0.61	5.4	4.7	10.7	18.4	16
17	4.9 8	5.5 8	10.0 8	22.8	22.8	3.8	2.2	0.52	2.9	4.6	10.0	18.0	17
18	4.9 8	5.7 8	14.3 8	21.1	17.6	3.9	1.6	0.56	8.4	4.0	10.4	17.9	18
19	5.2 8	6.4 8	28.1 8	18.6	13.9	2.9	1.9	3.4	6.2	3.9	9.9	16.2	19
20	5.2 8	6.2 8	34.8 8	61.8	11.4	2.6	11.8	1.9	4.0	3.5	16.1	15.3	20
21	5.2 8	7.1	32.2	61.8	9.8	2.3	11.3	1.0	2.9	13.7	17.9	14.6	B 21
22	5.2 8	7.6	26.9	42.4	11.0	2.2	6.2	0.87	2.1	19.7	14.5	13.6	22
23	5.2 8	8.1 8	25.6	33.1	10.7	2.0	4.1	0.81	2.0	13.6	11.8	B 12.9	23
24	5.3 8	6.9 8	32.5	36.3	9.5	1.6	3.0	0.7	2.1	10.6	9.7	B 12.9	24
25	5.3 8	6.2 8	38.9	40.4	10.1	1.8	2.3	0.67	2.5	8.7	9.1	13.2	25
26	5.1 8	5.1 8	37.7	29.6	11.1	1.8	1.9	0.59	7.8	7.5	9.8	13.5	26
27	4.9 8	4.8 8	36.6 8	24.4	9.1	4.3	1.6	0.56	12.1	6.8	12.3	13.9	27
28	5.0 8	4.5 8	35.3 8	20.5	8.0	2.7	1.3	0.59	7.0	6.0	25.3	14.1	28
29	8.3		22.5 8	18.0	7.2	2.1	1.6	0.6	4.8	5.8	21.9	12.9	29
30	8.1		20.8 8	18.4	6.3	2.0	1.7	3.9	13.2	17.9	10.7	B 8.0	30
31	9.6		19.5 8		5.7		2.1	3.0				11.7	31
TOTAL	165.3	192.1	597.5	1197.5	395.5	89.2	80.37	33.09	102.09	217.1	423.4	555.6	TOTAL
MEAN	5.33	6.86	19.27	39.91	12.75	2.97	2.59	1.06	3.4	7.0	14.11	17.92	MEAN
AC-FT	327.87	381.03	1185.14	2375.24	784.67	176.92	159.41	65.63	202.49	430.61	839.81	1102.03	AC-FT
MAX	9.6	10.0	38.9	79.6	27.4	5.1	11.8	3.4	12.1	33.6	32.4	50.4	MAX
MIN	4.6	4.5	4.3	18.0	5.7	1.6	0.72	0.52	0.77	2.9	8.9	8.5	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 11.1 CFS  
 TOTAL DISCHARGE, 8030 AC-FT  
 MAXIMUM DAILY DISCHARGE, 79.6 CFS  
 MINIMUM DAILY DISCHARGE, 0.52 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT  
 3 MILES NORTH OF THE TOWN OF MILTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 15.8 SQUARE MILES.

B - ICE CONDITIONS  
 E - ESTIMATED  
 REGULATED

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	12.6	5.4 8	11.5	20.0	11.1	7.5	7.5	6.4	4.3	2.9	1.4	2.7	01
02	13.1	5.8 8	10.8	34.3	10.5	7.5	7.4	6.3	4.4	3.4	1.1	2.3	02
03	14.6	6.5 8	10.0	50.6	10.4	7.2	7.3	6.3	4.6	3.6	1.6	2.4	03
04	17.3	7.2 8	9.0	53.3	9.9	7.1	7.3	6.3	4.8	3.9	2.0	2.6	04
05	24.0	10.4	9.7	64.6	9.6	7.2	8.0	6.2	4.9	4.2	2.0	2.8	05
06	17.5 8	7.7	9.3	86.5	9.6	7.1	11.3	6.0	5.0	3.7	2.1	4.1	06
07	14.8 8	6.7 8	8.7 8	116.0	8.9	6.1	7.9	6.0	5.0	2.0	4.4	2.0	07
08	14.9 8	6.2 8	8.1 8	156.0	8.5	7.7	7.7	5.9	4.6	1.5	2.0	3.4	08
09	14.9 8	5.6 8	9.1	161.0	8.6	7.0	4.0	5.8	4.1	1.4	2.1	3.9	09
10	15.0 8	5.0 8	9.4	102.0	7.9	6.8	6.4	6.1	4.1	0.99	3.1	5.4	10
11	14.6	4.9 8	9.2	88.6	7.2	7.4	6.4	6.3	4.3	0.91	3.2	4.1	11
12	12.5 8	4.9	8.8	45.3	6.8	7.2	6.4	5.7	4.4	1.8	3.4	2.9	12
13	12.2 8	5.1	8.4	18.1	6.1	12.5	6.4	5.6	4.6	1.8	3.5	2.7	13
14	12.1 8	5.0	8.3	15.4	5.4	11.3	6.4	5.4	4.8	1.3	3.8	2.3	14
15	9.7 8	4.9	19.6	13.6	5.1	9.7	6.1	5.3	4.7	0.98	3.6	8.6	15
16	10.0 8	4.8	16.6	10.3	5.2	8.7	5.4	4.7	1.0	3.3	5.7	16	
17	10.1 8	4.8	12.4 8	6.8	5.3	8.0	5.2	4.2	1.3	3.5	3.6	17	
18	10.0 8	4.6	14.1 8	6.3	5.8	7.7	5.2	3.4	1.3	3.8	2.8	18	
19	9.9 8	4.6	45.7	5.6	6.4	7.8	6.1	5.2	2.6	1.2	4.4	2.4	19
20	9.7 8	8.1	95.6	5.6	6.4	7.9	6.1	5.3	2.0	1.5	3.8	3.1	20
21	9.8 8	10.3	90.0	5.5	6.5	7.8	6.1	5.3	1.5	1.5	3.9	3.2	21
22	9.8 8	9.2	90.3	5.0	6.6	7.5	6.1	5.4	1.6	1.5	3.6	2.4	22
23	9.8 8	11.2	123.0	4.4	6.5	7.5	6.1	5.5	1.9	2.2	3.3	2.2	23
24	9.3 8	10.5	111.0	4.2	6.7	7.5	5.8	5.3	1.8	2.4	3.3	3.8	24
25	8.7 8	9.4	83.9	4.2	7.8	8.6	5.8	5.2	1.6	2.8	3.3	4.2	25
26	8.1 8	9.4	25.5 8	4.2	7.1	7.9	7.5	5.1	1.5	2.3	3.3	4.2	26
27	7.5 8	13.3	13.2 8	5.9	7.1	7.7	7.0	7.5	1.6	2.5	3.7	4.1	27
28	6.5 8	13.1	13.5	11.4	6.8	7.7	6.6	5.0	2.2	1.9	4.0	5.3	28
29	5.4 8	13.8	11.4	7.2	7.4	7.5	6.5	4.7	3.2	1.7	3.8	4.6	29
30	5.1 8	13.2	11.1	7.4	7.4	7.4	6.5	4.4	2.5	1.4	3.4	3.0	30
31	5.2 8		13.5		7.3		6.4	4.3		1.5			31
TOTAL	354.7	204.6	925.2	1127.2	231.7	236.5		173.6	105.1	62.48	91.3	106.2	TOTAL
MEAN	11.44	7.3	29.84	37.57	7.47	7.88		5.6	3.5	2.01	3.04	3.60	MEAN
AC-FT	703.54	405.82	1835.13	2235.8	459.57	409.09		344.33	208.46	123.92	181.09	210.64	AC-FT
MAX	24.0	13.3	123.0	161.0	11.1	12.5		7.5	5.0	4.2	4.4	8.6	MAX
MIN	5.1	4.6	8.1	4.2	5.1	8.1		4.3	1.5	0.91	1.1	2.2	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, 161.0 CFS  
 MINIMUM DAILY DISCHARGE, 0.91 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT  
 3 MILES NORTH OF THE TOWN OF MILTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 15.8 SQUARE MILES.

B - ICE CONDITIONS  
 E - ESTIMATED  
 REGULATED

## MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.2	4.8	4.4 B	10.0	23.7	6.7	8.1	4.2	5.1	5.3	29.1	20.8	01
02	9.2	4.8	4.7 B	10.4	20.7	6.1	8.1	5.2	5.1	5.1	31.6	18.7	02
03	9.2	4.8	4.8 B	13.1	31.2	5.6	16.7	4.8	5.1	4.7	29.9	18.5	03
04	9.2	4.8	4.7 B	12.1	33.9	6.7	21.6	4.5	5.1	5.6	28.9	13.0	04
05	9.2	4.8 B	4.9 B	24.9	7.7	16.0	4.3	5.1	6.4	28.0	9.2	05	
06	9.2	4.6 B	5.3	13.8 E	24.8	7.4	9.4	4.3	5.1	8.2	27.4	19.8	06
07	9.2	4.1 B	6.2	15.8 B	24.9	6.2	6.2	6.5	5.0	8.5	28.0	16.2	07
08	9.2	4.1 B	6.8 B	20.6 B	22.0	5.1	5.5	5.3	6.0	8.1	32.5	17.3	08
09	11.3	4.1 B	5.4 B	21.6	17.3	5.0	5.5	4.8	5.3	8.0	28.2	18.8	09
10	11.3	4.1 B	4.7 B	26.2	14.6	5.1	4.2	5.0	5.2	7.2	29.6	18.8	10
11	10.9	3.5 B	4.7 B	64.1	14.1	5.1	2.8	5.6	5.1	6.7	32.7	18.4	11
12	10.5	4.3 B	5.3	114.0	12.7	5.1	2.7	5.6	5.2	6.8	31.8	21.6	12
13	10.5	4.3	5.7	208.0	9.6	5.1	2.4	5.5	5.3	7.5	25.3	31.6	13
14	10.5	4.3	5.5	202.0	9.7	5.0	5.8	5.4	5.2	8.2	30.3	28.7	14
15	10.0 B	4.6	5.2	189.0	12.5	4.9	10.9	4.8	5.2	8.1	27.9	30.6 B	15
16	9.6 B	4.6	5.1	137.0	14.0	4.9	8.5	5.1	5.2	8.1	18.6	33.3 B	16
17	9.6	4.3 B	7.5	106.0	16.2	5.0	6.9	5.3	5.1	11.6	14.8	33.1 B	17
18	9.6	4.6	7.8	141.0	17.0	4.1	6.9	5.1	5.1	14.4	29.7 B	18	
19	15.0	4.1	6.2 B	86.1	14.8	2.8	6.5	5.1	5.2	14.3	15.1	25.7	19
20	12.0	4.1 B	6.4	74.3	13.4	2.6	6.1	5.1	5.2	14.4	17.1	25.5	20
21	11.5 B	4.1 B	11.4	53.9	13.0	4.9	5.8	5.1	5.2	14.5	18.0	25.4	21
22	12.7	4.3 B	28.6	36.9	12.6	5.4	5.6	5.0	5.1	15.5	17.8	22.4	22
23	16.1	4.3 B	17.4	36.8	10.4	11.2	5.6	5.3	5.1	22.4	17.4	20.6	23
24	12.9	4.8 B	15.6 B	31.6	8.7	22.0	5.5	5.3	5.2	16.7	17.6	20.8	24
25	14.0 B	4.3 B	7.2 B	26.8	7.1	15.6	5.4	5.2	5.2	15.6	18.3	21.1	25
26	12.4 B	4.8 B	5.8 B	25.7	5.6	7.9	4.1	5.2	5.5	15.1	20.7	21.1	26
27	11.9 B	4.8 B	5.8 B	24.9	5.7	7.7	3.1	5.3	5.3	14.9	20.7	20.9	27
28	11.6	4.3	6.0 B	24.6	5.6	6.2	3.9	5.2	5.2	15.0	21.2	20.7	28
29	11.4 B	4.3 B	6.3 B	24.3	5.4	4.4	5.2	5.3	18.4	21.9	24.0	29	
30	11.3 B	4.3 B	7.3	24.3	5.8	8.9	4.2	5.1	6.2	21.8	21.6	27.1	30
31	11.2 B		9.9		6.0		4.2	5.1		29.5		30.2	31
TOTAL	341.4	123.4	232.6	1824.5	457.9	201.4	212.6	158.5	157.2	366.6	716.8	701.6	TOTAL
MEAN	11.01	4.4	7.5	60.81	14.77	6.71	6.85	5.11	5.24	11.82	23.89	22.63	MEAN
AC-FT	677.16	244.76	461.36	3618.89	908.24	399.47	421.69	314.38	311.8	727.15	1421.77	1391.62	AC-FT
MAX	16.1	4.8	28.6	208.0	33.9	22.0	21.6	6.5	6.2	29.5	32.7	33.3	MAX
MIN	9.2	3.5	4.4	10.4	5.4	2.6	2.4	4.2	5.0	4.7	14.8	9.2	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 15.1 CFS

TOTAL DISCHARGE, 10900 AC-FT

MAXIMUM DAILY DISCHARGE, 208.0 CFS

MINIMUM DAILY DISCHARGE, 2.40 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT 3 MILES NORTH OF THE TOWN OF MILTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 15.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

REGULATED

## MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	30.8	20.3	15.0 B	66.1	9.4	21.6	5.7	7.1	4.2	2.0	7.9	20.4	01
02	27.0	48.5	22.7	77.0	9.0	21.0	5.7	7.4	4.1	2.4	11.8	28.3	02
03	27.4 B	59.1	20.7	58.8	12.6	22.0	5.7	5.8	4.2	2.5	11.2	27.1	03
04	30.1	54.9	33.4	49.7	14.5	19.7	6.0	4.9	4.1	2.3	12.7	26.1	04
05	28.4 B	48.3 B	36.9	48.8	13.8	10.1	6.7	4.7	4.1	2.3	11.9	26.9	05
06	25.9 B	43.3	47.6	43.3	12.9	9.6	6.5	4.3	4.1	2.3	10.7	23.4	06
07	25.3 B	42.5	31.7	34.1	12.5	9.3	6.6	4.5	4.1	2.3	9.5	16.2	07
08	18.7 B	41.0 B	28.5	35.0	13.5	8.8	6.5	4.5	4.0	2.3	7.2	15.8	08
09	10.2 B	28.5 B	25.9	34.0	14.0	8.5	6.2	4.4	3.5	2.4	6.9	15.8	09
10	10.4 B	21.9 B	27.9	26.9	13.2	8.4	4.9	4.5	3.4	3.1	6.5	12.5	10
11	9.7 B	21.9 B	42.8	16.5	14.4	6.9	4.9	4.5	2.5	3.1	6.6	6.7	11
12	10.0 B	16.6 B	64.1	12.0	13.7	5.5	4.9	4.4	3.0	3.0	6.1	6.5	12
13	10.4 B	12.3 B	112.0	11.6	13.2	5.4	4.9	4.4	3.3	3.2	5.1	6.7	13
14	10.6 B	13.6 B	17.7 B	11.2	13.2	5.3	5.3	4.2	3.3	3.2	5.0	6.5	14
15	12.8	14.1 B	180.0	10.9	16.3	5.5	5.0	4.1	3.5	2.6	14.6	6.0 B	15
16	13.5	12.8 B	161.0	11.1	19.1	5.6	4.9	4.2	3.6	1.8	20.0	6.3 B	16
17	13.1	14.4 B	153.0	11.4	19.1	5.7	4.7	4.4	3.1	1.9	28.7	6.2 B	17
18	24.1	15.1 B	110.0	11.1	19.0	6.1	4.7	4.4	2.8	2.0	28.1	5.8	18
19	44.2	14.8 B	65.9	11.1	19.0	5.8	4.7	4.4	2.3	1.8	28.3	4.9	19
20	57.9	13.7 B	47.9	10.7	19.2	5.7	5.4	4.7	2.4	0.61	27.3	4.0	20
21	53.2	12.9	59.4	10.5	19.4	5.6	6.4	4.4	2.4	0.49	26.0	4.5 B	21
22	55.9	12.4 B	51.9	10.8	15.9	5.5	6.3	4.2	2.9	0.49	19.0	4.5 B	22
23	56.2	11.7 B	46.9	10.4	10.2	5.3	6.3	4.2	2.7	0.63	17.9	4.6 B	23
24	52.5	11.8 B	47.1	10.1	10.0	5.0	5.9	4.0	2.4	0.61	20.6	4.7 B	24
25	42.5	11.3 B	47.0	8.7	9.9	5.4	6.3	3.5	2.3	0.52	19.9	5.5	25
26	32.7	11.2 B	45.9	7.3	10.4	5.4	6.5	3.4	2.2	0.47	19.9	8.6	26
27	32.2	12.2 B	40.8	8.1	10.2	5.5	6.7	4.0	2.3	0.58	19.6	18.6	27
28	32.0 B	11.4 B	37.5	11.3	19.9	7.2	6.2	4.3	2.3	1.2	28.2	27.4	28
29	27.3 B		38.9	8.8	25.5	6.5	6.0	4.2	2.2	5.9	33.2	51.9	29
30	20.6 B		40.2	8.5	29.9	5.9	5.6	4.2	2.1	7.8	32.8	49.3	30
31	13.3		39.2		21.9		4.8	4.2		5.8		41.1	31
TOTAL	858.9	652.5	1898.8	685.8	474.8	254.4	176.9	140.4	93.4	71.6	503.4	499.4	TOTAL
MEAN	27.7	23.3	61.25	22.86	15.31	8.48	5.7	4.52	3.11	2.3	16.78	16.1	MEAN
AC-FT	1703.62	1294.23	3766.26	1360.28	941.76	504.6	350.88	278.48	185.25	142.01	998.49	990.55	AC-FT
MAX	57.9	59.1	180.0	77.0	29.9	22.0	6.7	7.4	4.2	7.8	33.2	51.9	MAX
MIN	9.7	11.2	15.0	7.3	9.0	5.3	4.7	3.4	2.1	0.47	5.0	4.0	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 17.3 CFS

TOTAL DISCHARGE, 12500 AC-FT

MAXIMUM DAILY DISCHARGE, 180.0 CFS

MINIMUM DAILY DISCHARGE, 0.47 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT

3 MILES NORTH OF THE TOWN OF MILTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 15.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

REGULATED

## MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

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## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	24.9 B	30.0 B	20.6	18.0	9.2	9.2	9.5	4.5	5.6	4.2	1.4	4.8	01
02	24.3 B	29.2 B	18.5	25.3	8.4	8.9	8.9	4.3	5.5	4.2	1.4	4.9	02
03	21.9 B	28.8 B	24.7	26.2	8.4	8.7	8.9	4.0	5.7	4.1	1.5	4.7	03
04	15.1 B	28.4 B	15.8	79.1	8.4	8.6	8.8	4.0	5.5	4.1	1.5	3.7 B	04
05	15.2 B	27.9 B	101.0	92.4	8.7	8.4	8.5	4.1	5.6	3.8	1.8	3.7 B	05
06	15.2 B	24.0	129.0	74.4	9.9	8.3	8.0	3.7	5.6	3.8	1.9	4.5	06
07	15.2 B	11.4 B	172.0	55.0	8.9	8.3	8.0	3.1	5.6	3.8	1.6	4.5	07
08	15.1 B	11.3 B	201.0	49.5	9.5	8.2	7.3	2.9	5.4	3.8	1.5	5.0	08
09	15.2 B	11.3 B	188.0	37.2	31.7	8.2	6.1	2.9	5.4	3.8	1.5	5.0	09
10	15.3	11.5 B	128.0	35.3	34.0	7.4	6.0	2.6	5.1	3.8	1.5	4.7	10
11	15.0 B	11.6	45.0	34.8	32.7	6.3	5.9	2.6	5.1	3.8	1.5	4.6	11
12	14.9 B	11.4	43.8	35.8	50.2	6.1	5.8	3.0	5.3	3.8	1.9	5.2	12
13	15.0 B	12.5	38.3	36.3	51.7	6.5	5.9	3.2	5.2	3.8	1.7	5.2	13
14	15.1	13.5 B	25.8	41.4	51.4	6.6	5.9	3.7	5.1	4.1	1.9	4.9	14
15	14.6	13.2 B	25.8	37.2	54.6	7.8	6.0	3.7	5.1	3.5	1.7	4.7	15
16	13.6	12.9 B	25.9	35.6	107.0	7.6	5.7	4.6	5.2	1.7	1.7	4.7	16
17	12.4 B	12.7	25.8	32.6	42.1	6.3	5.8	4.6	5.3	1.7	1.6	4.8	17
18	12.7 B	12.6 B	25.2	27.4	163.0	6.8	5.7	4.5	5.1	1.7	1.7	4.7	18
19	12.7 B	14.7	21.8	26.9	123.0	18.9	5.7	4.5	4.6	1.7	1.7	4.6	19
20	14.9 B	16.9	16.7	26.7	117.0	27.6	5.9	4.5	4.5	1.7	6.2	4.5	20
21	18.5	24.9	16.7	27.0	70.2	22.0	5.9	4.7	4.5	1.7	7.3	4.4	21
22	23.5	55.5	16.5	28.5	55.1	21.3	5.4	5.3	4.4	1.6	5.1	4.4	22
23	30.9	37.9 B	16.4	23.3	22.2	16.8	5.0	5.5	4.3	1.6	4.8	4.5	23
24	34.5	18.9 B	16.3	17.2	21.9	16.4	4.9	5.6	4.3	1.4	5.2	4.7	24
25	29.4	16.9	15.9 B	9.3	21.5	12.0	4.9	5.2	4.2	1.4	5.2	4.5	25
26	20.5	16.7 B	15.9	9.1	21.1	10.6	5.1	5.2	4.0	1.4	4.6	4.4 B	26
27	75.1	16.3	16.0	8.8	21.0	10.0	4.8	5.5	4.0	1.4	4.4	4.4	27
28	88.9	18.7	16.1	8.8	21.7	9.5	4.7	5.5	4.1	1.4	4.2	4.4	28
29	107.0		15.9	9.2	22.0	10.5	5.1	5.5	4.4	1.4	4.3	4.4	29
30	104.0		16.4	9.2	18.2	10.2	5.0	5.4	4.1	1.5	4.9	4.5	30
31	87.5		18.1	9.7			5.1	5.5		1.5		4.7	31

TOTAL	938.6	551.6	1502.9	977.5	1613.9	324.0	194.2	133.9	147.8	89.2	87.2	142.7	TOTAL
MEAN	30.27	19.7	48.48	32.53	52.06	10.8	6.26	4.31	4.92	2.68	2.9	4.6	MEAN
AC-FT	1861.71	1094.09	2981.0	1938.87	3201.17	642.65	385.19	265.59	293.16	165.02	172.96	283.04	AC-FT
MAX	107.0	55.5	201.0	92.4	421.0	27.6	9.5	5.6	5.7	4.2	7.3	5.2	MAX
MIN	12.7	11.3	15.9	8.8	8.4	6.1	4.7	2.6	4.0	1.4	1.4	3.7	MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 18.3 CFS

TOTAL DISCHARGE, 13300 AC-FT

MAXIMUM DAILY DISCHARGE, 421.0 CFS

MINIMUM DAILY DISCHARGE, 1.40 CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT 3 MILES NORTH OF THE TOWN OF MILTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 15.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

REGULATED

## MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.9	5.9 B	42.7	17.7	6.6	5.5	5.2	3.9	5.9	4.1	4.4	5.9	01
02	3.5	5.3 B	42.5	19.2	6.4	5.2	5.1	4.0	5.0	4.1	4.5	5.5	02
03	3.3	5.2 B	47.1	19.4	6.2	5.3	5.0	4.3	4.7	4.1	4.8	5.0	03
04	3.3	5.2 B	12.9	19.1	7.0	5.4	4.9	4.5	4.6	4.3	5.3	5.3	04
05	3.3	5.0 B	12.7	19.0	7.3	6.0	4.9	4.5	4.5	4.3	4.6	5.7	05
06	3.2	5.0 B	12.0	18.8	29.2	5.7	5.0	4.3	4.5	4.3	4.5	8.0	06
07	3.1	4.9 B	14.2	19.7	50.3	5.4	4.8	4.1	4.4	4.5	4.4	6.4	07
08	3.4	4.9 B	18.6	20.6	53.0	5.4	4.8	4.1	4.5	4.5	6.0	6.0	08
09	5.9	5.0 B	28.2	17.5	43.5	5.2	4.7	4.1	4.2	4.6	5.9	5.9	09
10	5.8	5.2 B	25.2	14.5	22.1	5.1	5.3	4.1	4.0	4.6	7.2	5.8	10
11	7.9	5.3 B	22.0	15.3	21.7	5.3	5.0	4.2	4.5	4.0	5.7	6.5	11
12	6.5	5.5 B	23.3	15.0	19.2	6.2	5.0	4.2	4.9	4.6	5.0	8.0	12
13	5.5	5.5 B	23.7	14.9	6.6	5.5	5.0	4.2	4.5	4.2	5.2	8.0	13
14	5.1	5.7 B	22.4	15.2	6.4	5.3	5.1	4.2	4.4	4.4	11.0	11.0	14
15	4.8	5.8	24.5	15.5	6.3	5.3	4.8	4.3	4.3	4.4	14.1	14.1	15
16	4.7	5.8	25.0	15.8	6.2	5.4	4.8	4.4	4.3	4.4	4.5	12.3	16
17	5.3	6.1	28.5	16.2	6.2	5.2	4.6	4.4	4.5	4.5	11.6	11.6	17
18	5.3	7.0	53.9	28.0	5.8	5.2	4.5	4.4	5.2	4.8	11.1	11.1	18
19	5.2	6.7	84.6	87.8	5.7	11.2	4.5	4.4	7.2	4.7	10.9	10.9	19
20	5.5	6.4	85.7	53.1	5.7	7.8	4.6	4.3	5.8	6.1	10.4	10.4	20
21	5.3	7.8	86.3	28.7	5.7	6.9	4.6	4.2	5.3	5.1	4.7		21
22	5.2	13.1	84.7	23.2	5.6	6.3	4.5	4.3	5.0	4.9	4.6		22
23	5.3	17.2	68.1	25.9	5.5	6.0	4.6	4.4	4.7	4.6	4.6		23
24	5.1	50.8	54.7	34.3	5.4	6.0	4.6	7.1	4.4	4.4	4.6		24
25	6.2	78.9	38.3	30.8	5.5	5.8	4.6	4.8	4.4	4.4	4.7		25
26	6.3	62.8	31.9	30.3	5.5	5.6	4.6	4.6	4.4	4.3	4.7		26
27	5.7	44.6	26.7	29.9	5.4	5.5	4.6	4.5	4.3	4.3	5.1		27
28	5.4	43.5	26.3	24.1	5.2	5.5	4.4	4.5	4.1	4.4	5.5		28
29	10.6	27.0	16.8	5.2	5.4	4.0	4.9	4.0	4.0	4.5	5.4		29
30	6.9	26.8	11.9	5.2	5.3	3.7	5.0	3.9	4.3	4.1	4.4		30
31	6.6		21.1		5.4		3.8	5.0		4.2			31

TOTAL	163.1	430.1	1141.6	718.2	381.0	174.9	145.6	138.2	140.2	139.5	146.6		TOTAL
MEAN	5.26	15.36	36.82	23.94	12.29	5.83	4.69	4.45	4.67	4.5	4.88		MEAN
AC-FT	323.5	853.1	2264.36	1424.54	755.71	346.91	288.79	274.11	278.08	276.64	290.78		AC-FT
MAX	10.6	78.9	86.3	87.8	93.0	11.2	5.3	7.1	7.2	6.1	7.2		MAX
MIN	3.1	4.9	12.0	11.9	5.2	5.1	3.7	3.9	3.9	4.1	4.4		MIN

SUMMARY FOR THE YEAR 1975													
MEAN DISCHARGE, CFS													B - ICE CONDITIONS
TOTAL DISCHARGE, AC-FT													E - ESTIMATED
MAXIMUM DAILY DISCHARGE, 87.8 CFS													REGULATED
MINIMUM DAILY DISCHARGE, 3.10 CFS													

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT 3 MILES NORTH OF THE TOWN OF MILTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 15.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

REGULATED

## MIDDLE OAKVILLE CREEK AT HWY 25 - STATION NO. 02HB201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				15.0 E	7.4	8.2 E	5.9	7.3	126.0	2.0	39.1	01	
02				13.0 E	7.3	7.0 E	5.6	7.4	99.9	5.3	33.2	02	
03				11.0 E	7.3	7.0 E	5.7 E	7.3	70.0	8.7	30.5	03	
04				10.7	7.0	7.0 E	6.0 E	7.1	44.4	4.3	29.1	04	
05				10.9	7.0	6.3 E	6.0 E	7.2	33.2	9.5	35.6	05	
06				10.5	7.6	10.0 E	6.0 E	7.2	16.9	9.7	43.1	06	
07				10.5	7.3	7.4	6.6 E	7.3	16.7	16.5	42.5	07	
08				8.8	7.1	6.9	6.9 E	7.3	19.7	20.1	42.6	08	
09				8.2	7.1	6.2	10.2 E	7.2	38.8	17.8	42.2	09	
10				8.2	7.0	6.0	7.1 E	7.8	50.6	20.9	41.3	10	
11				8.2	6.9	5.9	7.4 E	7.5	42.7	21.7	41.1	11	
12				6.1	6.8	6.0	7.0 E	7.3	42.0	28.8	35.4	12	
13				7.9	7.1	5.8	6.3	8.9	41.6	28.5	19.0	13	
14				7.9	7.0	5.8	6.8	8.7	34.5	28.0	25.2	14	
15				7.9	6.7	5.9	6.5	8.0	21.0	19.9	26.0	15	
16				7.9	6.4	5.9	7.9	9.0	21.7	29.5	31.0	16	
17				8.1	6.4	5.8	7.8	8.7	21.4	30.7	35.6	17	
18				8.1	6.7	5.7	7.1	9.2	21.1	30.2	35.8	18	
19				8.1	6.5	5.6	7.1	9.1	20.6	29.6	39.8	19	
20				8.0	6.3	5.6	7.1	10.0	20.7	29.7	37.7	20	
21				7.9	6.2	5.8	7.2	9.2	20.4	29.6	36.5	21	
22				8.0	6.2	5.7	8.3	8.7	20.3	29.0	38.4	22	
23				7.8	6.1	5.8	7.4	6.4	20.1	30.3	40.6	23	
24				8.3	6.1	5.8	7.4	19.8	19.1	30.6	40.2	24	
25				8.1	7.2	5.5	7.2	23.7	15.5	29.9	44.0	25	
31				7.1		6.0	7.2		10.9		37.6	31	
TOTAL				271.2	203.7	191.9	218.1	607.6	986.1	688.9	1138.7	TOTAL	

MEAN 8.74 6.79 6.19 7.03 20.25 31.8 22.96 36.73 MEAN  
 AC-FT 537.92 404.03 380.63 432.6 1205.17 1955.92 13664.3 2258.51 AC-FT  
 MAX 15.0 7.6 10.0 10.2 95.1 126.0 30.7 44.0 MAX  
 MIN 7.1 6.1 5.4 5.6 6.4 10.9 3.8 19.0 MIN

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, CFS  
 MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CONCRETE CULVERT ON HWY 25, ABOUT 3 MILES NORTH OF THE TOWN OF MILTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 15.8 SQUARE MILES.  
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED  
 REGULATED

## MIDDLE OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB203

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01											11.0	01	
02											5.8	02	
03											5.6	03	
04											3.5	04	
05											3.3	05	
06											0.9	06	
07											210.0	07	
08											175.0	08	
09											56.5	09	
10											476.0	10	
11											171.0	11	
12											42.2	12	
13											27.0	13	
14											21.4	14	
15											4.6	15	
16											3.9	16	
17											3.7	17	
18											3.3	18	
19											3.2	19	
20											2.8	20	
21											2.6	21	
22											2.7	22	
23											2.9	23	
24											2.8	24	
25											4.0	25	
26											6.7	26	
27											5.2	27	
28											9.0	28	
29											29.4	29	
30											20.7	30	
31											7.6	31	
TOTAL											1400.2	TOTAL	
MEAN											45.16	MEAN	
AC-FT											2777.29	AC-FT	
MAX											476.0	MAX	
MIN											3.3	MIN	

## SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, CFS  
 MINIMUM DAILY DISCHARGE, CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK AT THE COMMUNITY OF DRUMQUIN.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 46.8 SQUARE MILES.  
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED  
 REGULATED

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	13.9 8	35.3	16.6 8	156.0	17.5	7.2	55.7	3.7	3.7	6.1	10.3	8.2 8	01	
02	12.2 8	33.9	16.3 8	139.0	4.1	7.1	300.0	3.3	3.2	4.0	9.7	9.5	02	
03	11.6 8	30.4 8	16.1 8	838.0	39.5	6.3	174.0	3.1	2.1	3.1	0.9	10.3	03	
04	11.3 8	32.3 8	16.1 8	187.0	28.3	6.3	67.0	3.4	1.4	2.7	33.3	9.5	04	
05	11.1 8	31.4 8	16.3 8	116.0	22.8	5.5	40.1	3.3	1.4	2.3	22.0	8.5	05	
06	10.7 8	23.9 8	16.3 8	382.0	20.0	5.5	29.2	3.3	1.2	1.9	16.7	11.0	06	
07	11.1 8	29.7 8	16.1 8	334.0	29.5	5.8	21.1	4.1	1.2	2.0	14.7	12.0	07	
08	11.1 8	29.0 8	15.1 8	233.0	85.4	4.4	17.0	3.9	1.2	2.0	12.4	35.3	08	
09	11.1 8	28.6 8	15.8 8	91.1 E	50.5	49.7	12.2	4.7	1.1	2.5	11.7	28.2	09	
10	11.4 8	28.6 8	18.5 8	204.0 E	33.0	87.1	10.0	7.4	1.2	2.9	11.7	10.5	10	
11	10.4	29.0 8	80.0 8	93.4	34.2	315.0	44.0	5.2	1.2	2.4	11.1	26.2	11	
12	9.4	29.2 8	600.0 8	65.1	57.0	76.6	45.6	4.2	1.2	2.3	15.6	193.0	12	
13	11.1	28.6 8	520.0 8	55.4	33.1	38.9	21.0	3.9	1.2	2.2	10.2	105.0	13	
14	11.1	29.2	339.0 8	52.6	24.5	25.1	14.4	3.4	1.1	2.2	15.1	28.1	14	
15	11.7	38.5	554.0 8	93.8	22.1	19.5	11.9	2.8	1.1	2.3	11.7	16.7	15	
16	10.4 8	118.0 8	289.0 8	55.2	19.1	15.9	10.4	2.4	1.1	8.0	10.0	13.3	16	
17	10.1 8	79.8 8	82.1 8	86.3	16.3	14.4	9.4	2.2	1.2	20.7	10.0	13.0	17	
18	9.7 8	60.0 8	74.4 8	98.4	14.8	24.9	8.5	2.2	1.2	150.0	11.7	14.7	18	
19	9.4 8	48.0 8	47.9 8	54.4	15.4	21.1	9.0	2.8	1.1	72.2	23.0	6.2	19	
20	9.4 8	39.7 8	52.1 8	40.1	13.0	11.0	13.4	3.4	1.1	23.2	10.2	29.9	20	
21	8.9	34.4 8	55.0 8	36.0	11.1	12.0	8.5	3.5	1.7	12.0	11.4	10.5	21	
22	9.4	34.4 8	71.7	99.1	12.1	69.8	7.2	3.3	4.8	9.2	11.1	105.0	22	
23	20.2	193.0 8	97.1	57.2	11.4	65.3	6.4	2.9	2.5	7.2	22.3	102.0	23	
24	60.0 8	16.7 8	195.0	38.8	10.5	32.6	5.1	2.4	1.9	6.3	23.4	67.3	24	
25	132.0 8	16.3 8	463.0	31.6	10.3	22.3	5.3	2.2	1.8	5.8	17.0	44.1	25	
26	84.3 8	15.6 8	803.0	27.5	9.0	18.2	4.7	2.4	1.6	5.6	18.2	30.3	26	
27	322.0 8	14.4 8	1010.0 8	24.3	8.8	14.1	4.1	5.1	1.5	5.9	14.7	21.0	27	
28	201.0 8	12.8	538.0 8	21.6	9.8	11.5	4.0	37.4	2.5	22.2	12.1	20.1	28	
29	79.9 8		466.0	19.7	8.5	31.5	3.9	9.6	23.8	14.9	14.7	17.7	29	
30		38.5		240.0	17.9	7.4	58.7	3.6	5.6	9.8	12.3	11.4	14.0	30
31	37.5			156.0		6.5		3.6	4.6		9.9		13.8	31
TOTAL	1211.9	967.0	6895.5	3748.5	705.6	1119.9	976.9	151.7	81.1	432.8	290.9	2133.0	TOTAL	

MEAN	39.09	34.53	222.43	124.95	22.76	37.33	31.51	4.89	2.7	13.96	19.69	63.8	MEAN
AC-FT	2403.8	1918.04	13677.22	7435.14	1399.55	2221.32	1937.68	300.89	160.86	856.45	1176.05	4234.03	AC-FT
MAX	322.0	118.0	1010.0	838.0	85.4	315.0	306.0	37.4	23.8	150.0	99.7	1050.0	MAX
MIN	8.9	12.8	15.1	17.9	6.5	5.5	3.6	2.2	1.1	1.9	10.0	8.5	MIN

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 52.1 CFS  
 TOTAL DISCHARGE, 37700 AC-FT  
 MAXIMUM DAILY DISCHARGE, 1050 CFS  
 MINIMUM DAILY DISCHARGE, 1.1 CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK  
 AT THE COMMUNITY OF DRUMQUIN.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 46.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED

REGULATED

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	13.2 8	369.0	92.4	47.5	10.3	20.6 E	11.2	1.7	3.7	6.8	8.0	67.3	01
02	13.0 8	928.0	92.0 8	38.7	9.9	18.2 E	6.6	1.9	4.0	6.6	7.8	64.5	02
03	12.7 8	662.0 8	90.0 8	38.6	11.0	15.5 E	7.7	2.2	7.2	7.5	7.6	100.0	03
04	12.1 8	207.0 8	90.0 8	11.8	14.1	13.8 E	7.7	2.3	5.6	10.4	7.8	160.0	04
05	11.5 8	124.0 8	87.0	12.0	13.8	12.2 E	7.5	2.0	6.2	8.6	7.6	120.0	05
06	11.1 8	97.1 8	90.0	77.0	11.4	10.3 E	15.6	3.6	50.8		7.5	77.2	06
07	11.1 8	82.3 8	90.0	57.0	10.8	9.1 E	10.0	9.9	37.2	7.6	8.6	57.4	07
08	10.9 8	71.7 8	57.7	43.3	10.7	8.3 E	8.1	7.2	21.1	7.6	12.0	32.0	08
09	10.7 8	63.0 8	503.0	34.1	11.4	7.8 E	6.4	7.2	17.3	8.4	12.0	23.2	09
10	10.2 8	50.1 8	408.0	27.5	29.9	7.2	7.1	5.3	14.3	7.5	10.8	21.0	10
11	10.2 8	42.2 8	140.0	27.5	19.5	7.0	6.8	3.9	14.9	7.0	10.1	19.6	11
12	10.2 8	33.4 8	75.0 8	24.3	29.2	8.5	6.3	3.4	16.0	6.8	9.1	20.4	12
13	10.2 8	28.8 8	50.3 8	21.0	39.0	85.5	5.6	2.9	20.3	6.6	8.2	26.5	13
14	10.2 8	24.0 8	43.8 8	19.1	23.8	7.3	1.1	2.8	16.2	6.3	8.0	25.5	14
15	10.5 8	20.3 8	41.5 8	17.3	27.5	6.6	4.0	2.5	13.8	5.7	33.1	16.4	15
16	11.9 8	16.7 8	495.0	16.1	44.3	6.2	3.8	2.4	11.4	5.5	26.0	15.0	16
17	11.5 8	15.0 8	755.0	14.4	60.7	6.1	3.2	2.5	9.5	5.3	40.2	16.1	17
18	11.0 8	14.2 8	511.0	12.2	34.2	5.8	3.1	2.5	6.8	5.0	106.0	14.1	18
19	11.2 8	13.3 8	365.0	12.1	25.3	5.1	3.0	2.6	6.6	9.8	42.0	13.7	19
20	10.9 8	12.9 8	279.0	12.0	42.1	5.9	3.2	5.5	6.4	12.6	29.5	14.9	20
21	10.7 8	12.6 8	282.0	11.6	34.9	5.4	3.0	6.4	6.4	13.8	28.3	15.5	21
22	10.3 8	12.2 8	169.0	11.0	28.3	6.6	2.6	5.3	6.4	12.0	31.5	16.0	22
23	10.0 8	11.9 8	180.0	11.1	22.5	8.2	2.3	55.0	7.0	9.8	29.0	21.4	23
24	9.6 8	11.6 8	97.0	15.3	18.5	6.6	2.1	33.4	7.1	8.9	25.0	20.7	24
25	10.9 8	11.3 8	145.0	15.3	15.8	7.8	2.0	20.4	8.2	9.1	22.5	16.1	25
26	10.9 8	11.3 8	245.0	13.7	13.7	26.4	2.0	12.2	7.5	11.0		13.0	26
27	10.6 8	10.3 8	205.0	12.3	11.9	17.1	2.0	8.6	7.3	11.7	39.8	11.6	27
28	11.2 8	9.9	171.0	11.2	12.5	12.1	2.0	7.3	7.5	10.8	108.0	11.5	28
29	11.4 8	9.6	125.0	10.4	22.7	9.3	1.9	6.0	7.3	9.9	575.0	11.3	29
30	40.0 8		89.6	10.5	28.5	1.7	5.2	7.1	9.3	115.0	11.3	30	
31	298.0		56.9		24.4 E		1.6	4.5		8.4		11.1	31
TOTAL	1097.7	2975.7	6121.2	685.9	712.6	306.5	151.2	238.6	301.1	256.3	1376.0	1064.3	TOTAL

MEAN	35.4	102.61	1974.45	22.86	22.98	12.63	4.87	7.69	12.03	8.54	47.44	34.33	MEAN
AC-FT	2177.28	5920.3	12141.4	1300.48	1412.44	726.95	299.9	473.26	716.24	508.37	2729.29	2111.03	AC-FT
MAX	480.0	928.0	755.0	77.0	60.7	85.5	15.6	55.0	50.8	13.8	575.0	160.0	MAX
MIN	9.6	9.6	41.5	10.4	9.9	5.1	1.1	1.7	3.7	5.0	7.5	11.1	MIN

SUMMARY FOR THE YEAR 1968	MEAN DISCHARGE, 42.4 CFS	LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK	B - ICE CONDITIONS
TOTAL DISCHARGE, 30600 AC-FT		AT THE COMMUNITY OF DRUMQUIN.	E - ESTIMATED
MAXIMUM DAILY DISCHARGE, 928 CFS		TYPE OF GAUGE: CONTINUOUS RECORDING.	REGULATED
MINIMUM DAILY DISCHARGE, 1.1 CFS		DRAINAGE AREA: 46.8 SQUARE MILES.	
		REMARKS: NATURAL STREAMBED CONTROL.	

## MIDDLE OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB203

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.0	160.0	12.7	52.3	30.0	11.8	4.4	14.0	3.0	2.6	6.0	15.2	01
02	10.8	89.6	12.2	67.3	27.1	13.0	3.6	22.5	2.9	2.6	20.8	12.4	02
03	10.7	72.5	12.0	117.0	45.0	14.9	3.5	37.6	2.9	2.7	19.5	15.0	03
04	10.6	53.0	11.8	96.8	24.0	15.4	3.7	18.3	2.8	2.7	14.9	13.7	04
05	10.5	51.9	11.6	105.0	22.2	14.5	2.7	9.6	2.8	2.7	12.5	13.2	05
06	10.5	49.2		252.0	21.8	13.5	3.3	7.1	2.8	2.7	11.1	12.9	06
07	10.2	39.9	11.4	124.0	20.7	12.8	3.4	6.4	2.8	2.7	10.4	13.1	07
08	10.1	36.2	11.1	86.3	28.0	11.8	2.7	6.4	2.8	2.8	9.7	19.3	08
09	9.8	33.3	10.8	89.8	39.5	10.8	2.3	5.5	2.8	2.8	9.7	24.5	09
10	9.7	30.5	10.6	107.0	45.2	9.6	2.9	4.3	2.7	2.7	9.5	22.4	10
11	9.2	28.7	10.4	86.1	66.3	8.9	2.8	3.5	2.7	2.6	10.3	23.5	11
12	9.2	27.1	10.1	68.2	51.5	8.3	3.5	2.8	2.7	11.1	23.5	12	
13	9.2	25.6	9.3	56.0	34.1	7.3	3.4	2.6	3.2	12.6	23.5	13	
14	9.1	24.5	11.6	49.2	31.0	7.3	3.0	2.6	7.7	12.3	23.5	14	
15	9.0	22.4		46.0	25.5	7.3	2.2	3.2	2.5	5.8	12.6	22.8	15
16	9.0	21.1	224.0	50.1	21.8	8.3	2.0	22.1	2.5	6.3	11.5	20.9	16
17	9.0	19.2	433.0	184.0	19.1	5.5	1.9	643.0	2.7	8.1	11.3	19.9	17
18	27.5	18.3	516.0	586.0	76.4	5.8	0.85	151.0	2.7	8.7	13.1	20.2	18
19	59.9	17.6	448.0	347.0	87.0	8.9	1.1	32.8	2.6	8.3	26.7	20.2	19
20	44.1	17.1	342.0	94.4	83.0	9.1	1.6	15.2	2.7	11.0	86.0	19.2	20
21	82.0	16.5	491.0	60.2	45.1	8.5	1.6	9.2	2.8	10.4	48.2	17.6	21
22	61.0	16.1	278.0	57.1	37.2	7.0	4.6	2.8	8.8	25.5	16.8	22	
23	82.0	15.6	252.0	60.1	32.0	7.0	2.4	3.7	2.8	8.9	19.3	15.8	23
24	108.0	14.9	248.0	70.5	27.2	8.5	3.6	3.4	8.5	18.8	14.7	24	
25	153.0	14.7	379.0	46.2	24.1	8.3	18.1	3.3	4.9	8.1	17.8	14.7	25
26	101.0	14.4	349.0	37.2	23.0	7.3	10.4	3.3		8.3	17.3	14.5	26
27	81.5	13.8	220.0	34.2	24.3	6.3	12.8	3.2		8.4	16.1	14.2	27
28	65.1	13.3	195.0	35.1	18.3	5.5	48.0	3.0		8.4	15.8	13.9	28
29	61.0		255.0	41.4	16.1	5.0	92.1	3.0		6.4	15.3	13.9	29
30	583.0		184.0	34.2	13.8	4.5	38.4	3.2		5.2	15.0	13.5	30
31	918.0		157.0		12.4		19.4	3.2		5.6		13.5	31
TOTAL	2614.7	963.4	5161.6	3151.2	1248.7	272.7		1055.5		178.4	543.7	542.0	TOTAL
MEAN	84.34	34.4		172.05	105.04	40.28	9.09		34.04	5.75	18.12	17.48	MEAN
AC-FT	5186.25	1910.9	10238.03	6250.4	2476.79	540.9		2093.58		353.85	1078.42	1075.05	AC-FT
MAX	918.0	160.0	516.0	586.0	247.0	15.4		643.0		11.0	86.0	24.5	MAX
MIN	9.0	13.3	9.3	34.2	12.4	4.5		3.0		2.6	6.0	12.4	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FTLOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK  
AT THE COMMUNITY OF DRUMQUIN.B - ICE CONDITIONS  
E - ESTIMATEDMAXIMUM DAILY DISCHARGE, 918 CFS  
MINIMUM DAILY DISCHARGE, 0.9 CFSTYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 46.8 SQUARE MILES.

REGULATED

REMARKS: NATURAL STREAMBED CONTROL.

## MIDDLE OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB203

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	8.4	18.6	11.1	31.5	34.3	10.9	3.5	4.4	4.3	6.9	65.2	33.7	01
02	7.6	26.2	10.3	140.0	28.2	10.3	2.8	3.8	2.8	7.0	55.2	27.1	02
03	6.4	26.7	9.9	266.0	24.7	10.1	2.4	3.3	2.3	6.9	30.0	23.4	03
04	5.8	18.8	20.7	169.0	22.2	9.2	2.6	2.5	2.0	7.8	27.3	18.0	04
05	5.5	14.9	57.0	92.0	21.5	8.1	2.4	2.3	6.5	8.0	20.2	79.5	05
06	5.5	13.0	51.0	85.9	18.4	7.7	2.1	1.9	5.5	7.7	17.9	49.3	06
07	5.5	11.9	53.8	86.1	17.7	6.9	1.8	1.6	3.7	8.0	16.4	32.6	07
08	5.5	11.8	40.1	86.2	18.2	7.1	1.6	1.5	2.6	6.0	14.5	24.9	08
09	5.5	11.8	30.9	92.9	18.2	5.7	1.4	1.3	5.5	6.6	13.7	50.0	09
10	5.6	11.4	24.5	78.9	17.3	4.9	1.9	1.3	3.9	6.7	14.0	83.9	10
11	6.0	10.8	20.8	62.5	17.5	4.6	3.9	1.3	2.6	6.6	16.8	65.5	11
12	6.2	10.4	19.5	51.1	17.2	4.4	3.0	1.0	2.2	6.7	23.6	49.8	12
13	6.4	10.0	18.8	46.8	17.2	3.9	2.1	1.1	1.7	7.8	28.4	42.3	13
14	6.7	9.7	19.3	43.2	18.1	3.7	3.2	1.4	2.1	10.4	16.3	39.8	14
15	7.0	9.5	34.9	25.0	5.6	10.2	1.3	3.6	10.0	1.0	13.8	37.5	15
16	8.0	9.5	19.3	37.3	61.2		6.9	1.3	4.8	9.4	14.2	36.4	16
17	8.6	9.5	23.4	34.9	59.1		4.9	1.1	6.3	7.8	12.8	39.3	17
18	8.2	10.9	34.0	33.2	38.1		3.5	1.2	17.2	7.4	13.1	37.9	18
19	8.4	10.7	65.0	32.0	30.0		4.1	4.0	14.2	7.2	12.8	44.0	19
20	9.0	9.7	81.6	134.0	20.4		12.0	7.2	8.5	6.8	24.1	89.0	20
21	11.0	9.9	75.2	85.2	17.0		22.1	2.1	6.3	14.8	53.4	63.2	21
22	14.0	20.6	63.2	84.3	17.0		18.7	1.8	4.5	41.8	30.3	43.0	22
23	16.0	46.8	59.1	63.4	18.4		8.8	1.7	4.3	24.2	23.0	34.4	23
24	17.0	48.0	73.2	79.1	16.7		6.5	1.5	4.5	18.1	17.5	30.4	24
25	15.0	88.5	110.0	16.9			5.3	1.4	5.4	14.4	16.1	27.0	25
26	13.0	19.9	87.1	58.0	34.5		4.1	1.2	6.5	13.0	16.8	26.8	26
27	13.0	15.0	85.0	42.5	19.5		3.5	1.2	6.8	11.9	17.9	26.3	27
28	13.0	12.8	52.5	37.1	16.7		2.8	1.2	8.2	10.8	58.1	25.2	28
29	14.0	48.2	48.2	32.0	15.3	4.6	2.8	1.5	10.3	9.7	68.8	23.2	29
30	17.9	34.0	29.4	13.9	4.4		2.9	3.5	9.3	12.9	45.1	21.2	30
31	21.2	28.3		12.5			3.5	6.4		66.5		20.5	31
TOTAL	300.9	473.8	1324.0	2264.4	722.9		157.3	68.3	168.4	389.8	795.3	1406.7	TOTAL
MEAN	9.7	16.92	42.7	75.48	23.31		5.07	2.2	5.61	12.57	26.51	45.37	MEAN
AC-FT	596.83	939.78	2626.15	4491.43	1433.87		312.0	135.47	334.02	773.16	1577.47	2790.18	AC-FT
MAX	21.2	48.0	89.5	266.0	61.2		22.1	7.2	17.2	66.5	68.8	186.0	MAX
MIN	5.5	9.5	9.9	29.4	12.5		1.4	1.0	1.7	6.0	12.8	20.5	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK

B - ICE CONDITIONS

AT THE COMMUNITY OF DRUMQUIN.

E - ESTIMATED

MAXIMUM DAILY DISCHARGE, 266 CFS  
MINIMUM DAILY DISCHARGE, 1.0 CFS

TYPE OF GAUGE: CONTINUOUS RECORDING.

REGULATED

DRAINAGE AREA: 46.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	20.6	10.5	175.0	228.0	24.5	8.8	8.0	7.1	6.3	4.6	3.2	4.1	01
02	21.2	10.5	128.0	398.0	25.2	8.7	7.1	7.0	6.3	5.1	4.5	3.8	02
03	22.3	10.8	73.5	170.0	25.2	11.5	7.1	7.6	6.4	5.3	5.0	3.6	03
04	24.5	12.0	61.0	111.0	19.7	10.9	7.2	7.6	6.4	5.6	4.4	3.7	04
05	28.5	20.5	56.0	100.0	15.5	9.9	7.8	7.4	6.7	5.9	2.8	3.8	05
06	24.2	11.2	61.0	117.0	14.9	9.7	18.8	7.4	7.1	5.4	2.5	4.5	06
07	21.2	10.5	63.5	151.0	13.3	9.3	17.0	7.3	7.0	3.8	3.0	12.0	07
08	21.2	9.8	55.5	169.0	13.0	11.0	8.5	7.3	6.6	3.2	3.5	9.9	08
09	21.2	9.8	51.0	178.0	12.8	10.3	8.0	7.1	6.3	3.1	4.1	8.9	09
10	21.0	9.4	42.0	149.0	12.4	9.9	7.5	7.1	5.6	2.7	4.9	14.5	10
11	20.6	9.5	41.0	111.0	11.1	8.3	7.2	10.8	5.2	2.6	4.8	27.0	11
12	18.7	9.5	35.0	88.5	11.1	8.9	7.0	8.4	5.5	3.5	4.5	12.5	12
13	18.3	9.5	34.8	61.0	9.5	9.3	6.8	7.1	6.4	3.5	4.4	9.3	13
14	18.1	9.2	40.5	66.8	7.7	30.5	7.0	6.9	6.4	3.0	4.2	7.3	14
15	17.3	9.2	90.0	39.5	7.4	18.7	7.0	9.0	6.2	2.7	4.4	21.4	15
16	16.4	9.0	230.0	32.8	8.6	12.6	6.8	7.5	6.2	2.7	4.6	53.0	16
17	16.0	9.0	370.0	26.4	8.3	10.5	7.0	6.8	5.1	3.0	4.5	19.8	17
18	15.8	9.0	360.0	23.4	8.1	9.3	7.0	6.0	4.7	3.0	4.2	10.7	18
19	15.4	9.0	244.0	21.2	8.3	8.7	6.8	6.2	4.5	2.9	4.8	9.9	19
20	15.1	20.0	127.0	19.9	8.7	8.8	7.0	6.7	4.3	3.2	5.8	9.4	20
21	15.1	25.7	140.0	18.8	8.7	9.0	7.0	6.4	3.2	3.2	4.9	10.0	21
22	14.9	22.3	134.0	13.4	8.9	8.7	7.0	6.6	3.5	3.2	4.4	9.4	22
23	14.9	42.0	134.0	14.7	8.7	8.0	7.8	8.0	4.1	3.9	4.1	7.9	23
24	14.0	45.0	125.0	15.0	9.2	7.6	7.3	7.1	3.9	4.1	4.0	8.4	24
25	13.5	43.2	108.0	14.6	14.5	9.8	7.0	7.3	3.5	4.5	4.0	10.2	25
26	13.0	38.2	140.0	14.0	13.0	11.0	6.8	7.8	3.2	4.0	4.1	10.3	26
27	12.5	82.0	142.0	14.0	11.3	9.8	9.4	17.2	3.5	4.2	4.4	9.1	27
28	11.8	173.0	167.0	18.0	10.2	8.8	7.7	11.0	3.7	3.6	5.3	15.1	28
29	10.8		155.0	23.4	9.6	8.4	7.1	7.9	3.9	5.0	13.0	29	
30	10.6		199.0	22.3	9.5	8.2	7.0	7.1	3.8	3.1	4.9	10.5	30
31	10.4			166.0		9.1		6.8	6.5			10.5	31
TOTAL	539.1	689.3	3948.8	2429.7	378.0	314.9	247.5	241.2	155.5	115.2	129.2	363.5	TOTAL
MEAN	17.39	24.61	127.38	80.99	12.19	10.49	7.98	7.78	5.18	3.71	4.3	11.72	MEAN
AC-FT	1069.3	1367.22	7832.44	4819.3	749.76	624.6	490.91	478.42	308.43	228.49	256.26	721.0	AC-FT
MAX	28.5	173.0	370.0	398.0	25.2	30.5	18.8	17.2	7.1	5.9	5.8	53.0	MAX
MIN	10.4	9.0	34.8	13.4	7.4	7.6	6.8	6.0	3.2	2.6	2.5	3.6	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 26.2 CFS

TOTAL DISCHARGE, 18900 AC-FT

MAXIMUM DAILY DISCHARGE, 398 CFS

MINIMUM DAILY DISCHARGE, 2.5 CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK

B - ICE CONDITIONS

AT THE COMMUNITY OF DRUMQUIN.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

REGULATED

DRAINAGE AREA: 46.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## MIDDLE OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB203

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	10.5	6.8	9.2	250.0	39.0	13.0	34.0	5.4	6.4	15.5	40.0	31.5	01
02	10.5	6.6	13.7	160.0	48.0	13.7	18.3	9.3	6.4	12.0	61.0	21.5	02
03	10.5	6.6	9.2	157.0	60.0	8.5	18.8	9.0	6.5	10.0	96.0	29.0	03
04	10.5	6.4	7.0	168.0	78.0	10.9	39.0	8.6	6.4	8.8	57.0	22.1	04
05	10.5	6.2	6.7	165.0	48.5	11.6	33.0	7.1	6.2	9.0	55.0	18.5	05
06	10.5	6.1	6.4	88.0	46.0	12.1	18.7	9.9	6.1	12.1	45.3	88.0	06
07	10.5	6.1	10.9	66.0	46.0	11.6	12.6	12.5	6.1	30.5	41.3	56.0	07
08	10.5	6.1	12.5	55.5	44.0	9.8	9.7	25.1	7.2	16.7	205.0	55.3	08
09	12.3	6.0	7.7	66.0	34.7	8.5	9.0	18.0	7.3	13.7	109.0	48.0	09
10	20.5	5.8	7.6	150.0	27.0	8.3	8.6	13.8	7.2	12.0	55.6	37.3	10
11	19.0	5.6	7.8	310.0	25.0	8.1	7.2	9.2	6.9	10.8	34.8	23.9	11
12	18.1	5.4	12.0	400.0	24.3	8.0	5.9	9.2	6.3	10.5	52.0	28.9	12
13	17.2	6.4	24.5	665.0	19.9	8.3	5.4	8.9	6.2	10.5	44.3	34.0	13
14	16.3	7.0	26.4	420.0	19.0	8.3	8.0	8.9	8.3	11.0	37.3	22.0	14
15	15.5	9.5	21.8	350.0	27.0	8.2	25.5	9.2	7.6	11.3	35.3	105.0	15
16	15.5	8.8	21.2	310.0	29.4	7.3	107.0	10.8	7.2	10.8	34.0	76.0	16
17	16.1	6.8	295.0	45.5	7.7	26.0	10.0	6.8	11.0	28.0	65.0	45.0	17
18	18.5	6.3	127.0	215.0	33.7	7.2	13.0	9.2	6.7	16.0	32.0	59.0	18
19	52.0	6.3	114.0	178.0	27.0	6.7	11.3	8.1	6.7	17.2	43.0	55.0	19
20	39.0	6.1	98.0	170.0	22.3	5.2	10.1	7.3	6.9	17.3	59.0	52.5	20
21	21.9	6.1	127.0	95.0	21.3	16.0	8.8	7.2	6.8	17.3	49.0	48.7	21
22	24.1	6.1	270.0	79.0	20.1	32.0	8.1	6.8	6.6	20.4	31.0	46.3	22
23	192.0	6.0	243.0	92.0	18.7	28.3	7.7	7.1	6.3	104.0	26.5	45.0	23
24	60.0	5.8	123.0	72.0	14.5	71.0	7.7	7.8	6.1	69.0	26.5	46.3	24
25	119.0	5.6	84.0	53.0	13.7	58.0	7.7	7.8	6.1	44.5	27.0	51.0	25
26	40.0	5.6	43.0	47.0	9.6	24.5	7.2	7.4	6.1	32.8	79.0	56.0	26
27	15.0	5.5	36.0	43.0	8.3	16.0	6.0	7.2	6.4	27.7	145.0	52.0	27
28	9.4	5.6	29.8	40.0	9.5	13.6	5.2	7.2	6.5	26.1	76.0	45.0	28
29	7.5	5.6	41.0	39.0	9.3	11.1	5.6	6.6	6.5	84.0	40.0	38.0	29
30	7.1		76.0	37.8	8.9	29.2	5.9	6.2	12.0	75.5	35.6	39.2	30
31	7.0			160.0		11.4		5.6	6.3	49.0		60.0	31
TOTAL	847.0	182.8	1831.4	5211.3	889.6	482.7	496.6	287.1	204.8	617.0	1719.9	2013.5	TOTAL
MEAN	27.32	6.3	59.07	173.71	26.69	16.09	16.01	9.26	6.82	26.35	57.33	64.95	MEAN
AC-FT	1680.02	362.58	3632.58	10330.61	1764.52	957.43	985.0	569.46	406.22	1620.51	5411.42	3413.71	AC-FT
MAX	192.0	9.5	270.0	645.0	76.0	71.0	107.0	25.1	12.0	104.0	205.0	340.0	MAX
MIN	7.0	5.4	6.4	37.8	8.3	5.2	5.2	5.4	6.1	8.8	26.5	16.5	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 40.9 CFS

TOTAL DISCHARGE, 29700 AC-FT

MAXIMUM DAILY DISCHARGE, 645 CFS

MINIMUM DAILY DISCHARGE, 5.2 CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK

B - ICE CONDITIONS

AT THE COMMUNITY OF DRUMQUIN.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

REGULATED

DRAINAGE AREA: 46.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## MIDDLE OAKVILLE CREEK DRUMQUIN - STATION NO. 02HB203

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY		
01	9.2	14.2 0	58.7 0	35.2 E	19.0	8.1	4.6		9.4	8.1	21.6	37.4	01		
02	8.0	11.3 0	46.0 0	35.5 E	17.7	7.9	4.3		9.0	8.2	24.6	31.4	02		
03	8.4	9.7 0	55.9 0	35.2 E	16.0	7.3	4.3		6.5	7.8	26.5	24.9	03		
04	8.4	9.0 0	59.0 0	35.1 E	16.0	7.8	4.2		5.7	7.3	29.1	22.6	04		
05	7.5	8.8 0	22.2 0	29.9 E	8.2	4.5			5.4	7.4	31.6	22.0	05		
06	7.2	8.8 0	19.2 0	29.9 E	24.0	7.5	4.2		5.3	7.3	30.7	49.1	06		
07	8.0	8.6 0	17.1 0	70.9 E	23.1	7.1	4.0		5.0	6.8	28.3	50.1	07		
08	7.7	8.3 0	16.7 0	110.0 E	16.0	6.0	4.0		5.1	6.7	26.5	34.1	08		
09	14.2	8.6 0	16.0 0	205.0 E	8.4	6.1	3.6		4.8	6.5	25.9	28.3	09		
10	26.1	8.0 0	16.0 0	154.0 E	5.4	5.8	5.9		4.5	6.8	38.4	29.3	10		
11	24.1	8.8 0	10.7 0	84.3 E	40.1	5.4			4.6	7.2	51.5	30.9	11		
12	31.4	9.0 0	17.3 0	60.2 E	37.9	5.9			8.1	6.7	37.8	31.7	12		
13	24.0	9.0 0	109.0 0	50.5 E	20.7	6.9			5.2	6.6	31.4	29.3	13		
14	17.7	9.5 0	94.5	40.3 E	17.0	6.6			5.2	5.5	7.1	64.0	14		
15	12.5	9.7 0	77.6	38.9 E	10.6	6.6			4.5	4.6 E	5.3	26.2	168.0	15	
16	9.0	10.2 0	79.3	41.9 E	40.4	6.2			4.2	4.4 E	5.2	6.9	24.8	74.2	16
17	7.3 0	10.8 0	119.0	35.9	15.7	5.8			4.2	4.2 E	5.2	6.8	23.3	17	
18	6.5 0	41.3	128.0	39.3	15.1	6.2			4.4	3.8 E	5.5	7.5	20.2	18	
19	6.0 0	67.7	299.0	576.0	14.0	28.9			5.4	3.4 E	19.1	8.3	19.6	19	
20	5.9 0	51.4	300.0	192.0	13.4	15.1			5.0	3.1 E	13.4	19.0	19.5	20	
21	6.1 0	64.4	157.0	81.6	12.5	11.8			4.7	3.8	10.6	25.1	19.9	21	
22	6.3 0	161.0	260.0	53.3	11.4	10.0			4.2	4.0	8.2	24.9	19.6	22	
23	6.9 0	341.0	223.0	47.8	10.4	8.6			4.1	4.3	7.7	22.3	19.4	23	
24	9.5	677.0	204.0	71.7	10.0	7.6			3.9	25.5	7.8	21.5	19.2	24	
25	14.9	501.0	187.0	63.7	10.6	6.8			3.6	15.3	8.4	14.6	18.9	25	
26	34.1	165.0	107.0	55.6	10.5	6.2			3.6	8.8	9.3	14.8	19.0	26	
27	15.8	93.9	57.4	51.5	6.2	6.0			4.5	6.7	9.7	15.5	20.8	27	
28	11.8	70.5 0	48.1	48.1	8.1	5.9			3.9	5.4	9.2	16.0	29.1	28	
29	157.0	47.4	33.1	8.3	5.4	3.3			5.1	8.7	16.3	32.0	29		
30	98.8		53.8 E	30.1	9.4	4.9			3.3	8.0	8.5	17.3	33.5		
31	26.5			48.1 E		9.4			3.0 E	6.7				31	
TOTAL	637.5	2394.9	2910.5	2434.5	1111.1	301.3	134.0		227.5	366.5	797.0	727.3	TOTAL		
MEAN	20.56	65.53	93.88	81.15	35.84	10.04	4.32		7.58	11.82	26.56	45.45	MEAN		
AC-FT	1264.48	4750.28	5772.97	4828.83	2203.86	597.62	265.78		451.24	726.95	1580.84	1442.59	AC-FT		
MAX	157.0	677.0	300.0	576.0	231.0	62.6	5.9		19.1	28.1	51.5	168.0	MAX		
MIN	5.9	8.3	16.0	29.9	6.2	4.9	3.0		4.5	6.5	18.9	22.0	MIN		

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, 677 CFS  
 MINIMUM DAILY DISCHARGE, 3.0 CFS

LOCATION: ABOVE THE CONFLUENCE WITH EAST OAKVILLE CREEK  
 AT THE COMMUNITY OF DRUMQUIN.

B - ICE CONDITIONS  
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 46.8 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

REGULATED

STATION DISCONTINUED DECEMBER 1975.

## EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01								0.0	0.0	0.0	0.0	0.03	01
02								0.0	0.0	0.0	0.0	0.01	02
03								0.0	0.0	0.0	0.0	0.0	03
04								0.0	0.0	0.0	0.0	0.0	04
05								0.0	0.0 E	0.0	0.0	0.0	05
06								0.0	0.0	0.0	0.0	0.34	06
07								0.0	0.0	0.0 E	0.0	14.7	07
08								0.0	0.0	0.0 E	0.0	45.4	08
09								0.0	0.0	0.0 E	0.0	15.6	09
10								0.0	0.0	0.0 E	0.0	89.7	10
11								0.0	0.0	0.0	0.03	60.4	11
12								0.0	0.0	0.0	0.02	10.8	12
13								0.0	0.0	0.0	0.01	5.7	13
14								0.0	0.0	0.0	0.01	3.9	14
15								0.0	0.0	0.0	0.0	2.9	15
16								0.0	0.0	0.0	0.0	2.4	16
17								0.0	0.0	0.0	0.0	2.1	17
18								0.0	0.0	0.0	0.0	2.1 B	18
19								0.0	0.0	0.0	0.0	1.9 B	19
20								0.0	0.0	0.0	0.0	1.7 B	20
21								0.0	0.0	0.0	0.0	1.4 B	21
22								0.0	0.0	0.0	0.0	1.1 B	22
23								0.0	0.0	0.0	0.0	0.878	23
24								0.0	0.0	0.0	0.0	0.75	24
25								0.0	0.0	0.0	0.0	0.67	25
26								0.0	0.0	0.0	0.02	0.58	26
27								0.0	0.0	0.0	0.02	0.52	27
28								0.0	0.0	0.0	0.06	0.49	28
29								0.0	0.0	0.0	0.21	0.6	29
30								0.0	0.0	0.0	0.04	0.57	30
31								0.0	0.0	0.0	0.0	0.54	31
TOTAL								0.0	0.0	0.0	0.88	267.77	TOTAL
MEAN								0.0	0.0	0.0	0.02	8.63	MEAN
AC-FT								0.0	0.0	0.0	1.74	531.12	AC-FT
MAX								0.0	0.0	0.0	0.32	89.7	MAX
MIN								0.0	0.0	0.0	0.0	0.0	MIN

## SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, 90 CFS  
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,  
 AT THE COMMUNITY OF DRUMQUIN.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 11.6 SQUARE MILES.

NATURAL FLOW

REMARKS: STATION CONTROL IS A SHARP-CRESTED

NATURAL FLOW

120 DEGREE V-NOTCH WEIR.

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.53	4.1	2.1	38.4	0.41	0.35	6.1	0.05	0.29	1.6	1.4	0.67	01
02	0.56	4.1	2.0	33.5	1.8	0.39	18.4	0.02	0.21	0.82	7.7	0.74	02
03	0.56	3.6	2.1	336.0	3.0	0.35	25.7	0.02	0.14	0.58	15.0	0.78	03
04	0.63	3.3	3.8	3.1	14.8	3.3	0.39	10.1	0.1	0.44	7.6	0.73	04
05	0.67	3.2	3.6	8.5	1.8	0.42	4.3	0.1	0.08	0.32	6.1	0.68	05
06	0.7	3.1	3.2	53.6	1.4	0.43	2.4	0.09	0.06	0.21	3.7	0.71	06
07	0.79	2.9	3.2	45.9	2.3	0.48	1.3	0.06	0.04	0.07	2.5	0.89	07
08	0.75	2.8	3.2	49.9	9.6	1.2	1.0	0.03	0.03	0.07	1.8	2.0	08
09	0.768	2.6	3.5	14.7	8.1	3.7	0.71	0.15	0.02	0.15	1.5	3.6	09
10	0.768	2.4	3.8	55.4	4.8	8.0	0.5	0.07	0.02	0.11	1.3	3.0	10
11		2.2	51.4	10.6	3.7	24.9	0.34	0.02	0.02	0.11	1.3	4.8	11
12	1.9	156.0	5.1	6.8	7.6	33.2	0.01	0.01	0.08	1.4	27.3	12	
13	1.8	67.0	3.8	5.1	3.3	6.3	0.01	0.01	0.11	1.5	27.4	13	
14	1.8	50.8	3.4	2.8	2.4	2.7	0.01	0.01	0.11	1.8	10.3	14	
15	1.9	77.2	8.6	2.2	0.91	1.5	0.01	0.01	0.14	1.4	B	5.4	15
16	3.9	33.2	6.4	1.7	0.81	1.1	0.0	0.01	0.37	1.2	3.9	16	
17	5.9	21.7	6.7	1.4	0.74	0.88	0.0	0.01	2.1	1.1	2.7	17	
18	6.1	11.7	14.4	0.99	0.86	0.66	0.0	0.0	11.0	1.3	3.2	18	
19	6.1	7.8	6.8	1.1	0.82	0.19	0.0	0.0	10.8	1.7	13.6	19	
20	6.6	5.7	3.8	0.96	1.0	0.09	0.01	0.0	5.2	1.9	11.2	20	
21	5.3	7.0	3.0	0.87	0.84	0.64	0.01	0.09	2.9	1.7	28.8	21	
22	4.6	7.6	10.9	0.88	3.6	0.8	0.0	0.07	2.0	1.6	270.0	22	
23	4.3	9.8	9.3	0.62	9.2	0.59	0.0	0.02	1.8	2.2	17.4	B 23	
24	3.9	32.0	4.3	0.39	3.4	0.46	0.0	0.02	1.4	3.6	8.8	B 24	
25	3.2	74.0	2.9	0.36	1.9	0.38	0.0	0.01	0.95	3.5	5.2	25	
26	2.9	83.9	2.2	0.32	1.1	0.28	0.0	0.01	0.82	2.8	3.1	B 26	
27	2.7	161.0	1.7	0.18	0.63	0.21	1.5	0.01	0.94	2.4	2.2	B 27	
28	2.4	114.0	1.4	0.2	0.27	0.18	0.92	0.25	1.6	1.8	B	28	
29		113.0	1.2	0.23	0.47	0.13	0.18	0.21	3.1	1.4	B	29	
30		71.8	0.53	0.26	2.1	0.11	0.44	1.1	2.2	1.1	1.1	30	
31		41.0		0.27		0.1	0.48		1.6		1.0	31	
TOTAL	99.6	1227.4	757.73	67.84	82.56	121.35	4.29	2.86	53.7	85.3	466.4	TOTAL	
MEAN	3.55	39.59	25.25	2.18	2.75	3.91	0.13	0.09	1.73	2.84	15.04	MEAN	
AC-FT	197.55	2434.54	1502.95	134.56	183.75	240.69	8.5	5.67	106.51	169.19	925.1	AC-FT	
MAX	6.6	161.0	336.0	9.6	24.9	33.2	1.5	1.1	11.0	15.0	270.0	MAX	
MIN	1.8	2.0	0.53	0.18	0.27	0.09	0.0	0.0	0.07	1.1	0.68	MIN	

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 336 CFS  
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,  
AT THE COMMUNITY OF DRUMQUIN.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 11.6 SQUARE MILES.  
REMARKS: STATION CONTROL IS A SHARP-CRESTED  
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS  
E - ESTIMATED

NATURAL FLOW

## EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	0.938	13.6	0.118	6.9	1.2	1.9	3.6	0.0	0.0	0.14	0.02	11.9	01	
02	0.878	501.0	0.118	5.0	0.73E	1.5	1.8	0.0	0.0	0.18	0.02	10.2	02	
03	0.83	152.0	0.118	3.5	0.09	1.4	1.6	0.0	0.0	0.16	0.04	20.4	03	
04	0.778	80.4	0.118	18.5	0.77	0.75	0.69	0.0	0.0	0.15	0.07	67.7	04	
05	0.688	44.3	0.118	24.3	0.91	0.55	2.5	0.0	0.07	0.16	0.08	53.7	05	
06	0.57	25.0	0.128	8.4	0.8	0.42	15.9	0.0	1.45	0.11	0.09	17.8	B 06	
07	0.568	15.7	0.258	4.6	0.62	0.26	8.1	0.0	1.43	0.09	0.09	7.8	B 07	
08	0.468	9.8	5.0	3.7	0.51	0.18	5.1	0.03	4.6	0.08	0.18	3.7	B 08	
09	0.428	7.0	103.0	0.8	2.9	0.64	0.11	3.6	0.0	2.1	0.07	1.0	B 09	
10	0.4	8	159.0	0.8	2.2	0.87	0.07	3.0	0.0	0.05	0.81	1.3	B 10	
11	0.388	3.2	48.1	1.8	1.9	1.5	0.06	2.2	0.0	3.0	0.06	0.59	1.3	11
12	0.378	2.3	19.9	1.7	2.1	0.07	2.0	0.0	15.0	0.08	0.36	0.95	12	
13	0.388	1.5	6.4	1.4	2.9	0.03	1.9	0.0	6.5	0.11	0.26	1.4	13	
14	0.468	1.0	6.2	1.3	2.8	0.02	1.3	0.0	2.8	0.12	0.22	1.4	14	
15	0.748	0.98	6.6	1.1	2.5	0.01	0.61	0.0	0.91	0.13	1.1	0.748	15	
16	0.768	0.738	153.0	0	0.99E	3.0	0.01	0.27	0.0	0.53	0.14	8.8	0.29B	16
17	0.778	0.628	150.0	0	0.9	4.7	0.01	0.04	0.0	0.25	0.14	7.1	0.22E	17
18	0.778	0.5	107.0	0	0.91E	4.0	0.01	0.01	0.0	0.17	0.14	10.6	0.13E	18
19	0.798	0.418	66.1	0	0.96E	2.8	0.02	0.01	0.0	0.11	0.01	33.9	0.12E	19
20	0.818	0.3	50.5	1.1	1.1	3.3	0.02	0.0	0.11	0.04	11.9	0.14E	20	
21	0.838	0.238	51.6	1.0	5.1	0.02	0.0	0.0	0.14	0.28	6.1	0.12E	21	
22	0.858	0.178	35.7	1.1	3.6	0.03	0.0	0.23	0.16	0.16	4.3	0.15L	22	
23	0.888	0.118	29.0	1.1	2.1	0.02	0.0	0.04	0.16	0.09	4.6	0.51E	23	
24	0.828	0.098	20.7	1.2	1.4	0.02	0.0	11.4	0.13	0.03	4.4	0.42E	24	
25	0.748	0.098	35.0	1.5	0.99	0.35	0.0	5.1	0.12	0.02	3.4	0.06E	25	
26	0.7	0.1	55.3	1.5	0.79	7.8	0.0	2.9	0.09	0.05	2.8	0.01E	26	
27	0.698	0.118	37.7	1.3	0.39	17.3	0.0	1.2	0.09	0.04	6.1	0.08E	27	
28	0.876	0.128	31.4	1.2	0.33	8.0	0.0	0.3	0.13	0.09	50.4	0.17E	28	
29	1.2	0.118	22.4	1.2	0.79	6.4	0.0	0.13	0.1	0.1	180.0	0.27E	29	
30	2.8		12.7	1.2	2.1	5.0	0.0	0.06	0.11	0.05	26.3	0.3 E	30	
31	2.9		8.0		2.4		0.0	0.0		0.02		0.81E	31	
TOTAL	26.0	865.68	1221.22	104.56	56.73	52.34	54.23	21.39	65.48	3.09	377.63	205.19	TOTAL	
MEAN	0.83	29.85	39.39	3.48	1.83	1.76	1.74	0.69	2.18	0.09	12.58	6.65	MEAN	
AC-FT	51.57	1717.07	2422.26	207.39	112.52	103.81	107.56	42.42	129.87	0.12	749.02	408.97	AC-FT	
MAX	2.9	501.0	129.0	24.3	5.1	17.3	15.9	11.4	15.0	0.28	186.0	67.7	MAX	
MIN	0.37	0.09	0.11	0.9	0.09	0.01	0.0	0.0	0.0	0.01	0.02	0.01	MIN	

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 8.3 CFS  
TOTAL DISCHARGE, 6060 AC-FT  
MAXIMUM DAILY DISCHARGE, 501 CFS  
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,  
AT THE COMMUNITY OF DRUMQUIN.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 11.6 SQUARE MILES.  
REMARKS: STATION CONTROL IS SHARP-CRESTED  
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS  
E - ESTIMATED

NATURAL FLOW

## EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.000	38.0 0	1.9	4.0	1.0	0.05	0.0	4.8		0.0	0.38	1.2 B	01
02	0.010	19.3 0	1.9	13.2	1.0	0.09	0.0	18.3		0.0	3.6	1.1 B	02
03	0.060	18.0 0	3.5	15.4	0.04	0.14	0.0	30.5		0.0	8.0	0.88	03
04	0.010	15.9 0	2.8 0	13.9	0.01	0.18	0.0	8.6		0.0	4.6	0.77	04
05	0.020	10.7 0	1.1 0	8.6 0	0.02	0.02	0.0	3.4		0.0	2.9	0.68	05
06	0.025	6.0 0	0.75 0	26.3	0.02	0.19	0.0	1.5		0.0	1.9	0.56	06
07	0.040	4.5	0.4 0	14.0	0.02	0.15	0.0	0.67		0.0	1.4	0.66	07
08	0.020	3.3	0.34 0	9.9	0.04	0.14	0.0	0.3		0.0	1.2	1.3	08
09	0.000	2.5 0	0.74 0	7.9	1.0	0.12	0.0	0.2		0.0	0.97	2.1	09
10	0.000	1.8 0	1.2 0	19.0	2.9	0.02	0.0	0.12		0.0	0.86	2.6	10
11	1.0 1	1.3 0	0.97 0	13.2	1.0	0.0	0.0	0.07		0.0	0.82	2.8	11
12	2.0 0	1.2	0.84 0	6.7	1.0	0.0	0.0	0.01		0.0	0.96	2.8	12
13	2.0 1	1.0 0	0.83 0	4.3	3.0	0.0	0.0	0.0		0.0	1.2	3.0	13
14	1.0 0	0.82 0	1.8	3.0	2.0	0.0	0.0	0.0		0.0	2.4	3.1	14
15	1.0 0	0.64 0	12.0	2.7	1.3	0.0	0.0	0.0		0.0	3.0	3.0	15
16	1.0 0	0.43 0	31.0	3.0	0.02	0.0	0.0	48.8		0.01	2.8	2.7 B	16
17	2.0 1	0.28 0	109.0	4.6	0.42	0.0	0.0			0.02	2.0	2.3	17
18	12.0 0	0.23 0	198.0	176.0	12.0	0.0	0.0	23.8		0.02	1.9	2.2	18
19	24.2 0	0.18 0	121.0	92.1	8.7	0.0	0.0	9.0		0.03	6.4	2.2	19
20	26.7 0	0.02	68.8	16.8	17.3	0.0	0.0	5.1		0.14	22.1	2.1 B	20
21	27.1	0.68	144.0	8.0	7.9	0.0	0.0	3.6		0.04	8.8	2.0	21
22	17.9	1.7	34.8	6.2	4.6	0.0	0.0	2.0		0.1	4.5	2.0	22
23	13.9 0	4.5	31.4	7.3	2.7	0.0	0.0	1.8		0.04	3.0	1.5 B	23
24	17.1	2.1	34.1	9.8	1.3	0.0	0.0	1.9		0.04	2.5	1.1 B	24
25	19.5 0	1.6	91.0	6.4	0.94	0.0	0.0	2.0		0.47	2.2	1.0 B	25
26	17.7 0	1.4	65.9	3.7	0.59	0.0	0.0			0.67	2.0	0.94 B	26
27	13.0 0	2.5	19.1	2.5	0.34	0.0	0.0			0.87	1.8	0.92 B	27
28	6.7 0	1.6	15.5	2.1	0.27	0.0	3.1			0.71	1.7	0.85 B	28
29	4.0 0	4.6 0	46.7	2.5	0.21	0.0	138.0			0.51	1.5	0.82 B	29
30	91.7 0	14.1	2.8	0.15	0.0	14.2				0.38	1.3	0.83 B	30
31	195.0 0	8	6.7		0.07		5.3			0.32		0.92 B	31
TOTAL	504.34	143.16	1062.77	584.2	168.0	1.28	160.6			4.37	98.89	50.93	TOTAL
MEAN	16.26	5.11	34.28	19.47	5.41	0.04	5.18			0.14	3.29	1.64	MEAN
AC-FT	1000.35	283.95	2108.0	1158.76	333.22	2.53	318.55			8.66	196.14	101.01	AC-FT
MAX	195.0	38.0	198.0	176.0	86.7	0.2	138.0			0.87	22.1	3.1	MAX
MIN	0.025	0.18	0.34	2.1	0.07	0.0	0.0			0.0	0.38	0.56	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 198 CFS  
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,  
AT THE COMMUNITY OF DRUMQUIN.

B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 11.6 SQUARE MILES.  
REMARKS: STATION CONTROL IS SHARP-CRESTED  
120 DEGREE V-NOTCH WEIR.

NATURAL FLOW

## EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.9 B	3.5 B	1.0 B	5.3	3.0	0.47	0.01	0.01	0.01	0.59	11.6	6.0	01
02	0.85B	6.8 B	0.94	49.7	2.7	0.36	0.01	0.0	0.01	0.47	6.6	4.2	02
03	0.78B	7.5 B	0.88	137.0	1.9	0.29	0.01	0.0	0.0	0.45	4.1	3.8	03
04	0.73B	7.1 B	11.1	76.5	1.5	0.01E	0.0	0.0	0.01	0.38	3.0	5.05	04
05	0.76B	5.0 B	52.7 B	21.1	1.3	0.11	0.0	0.0	0.0	0.33	2.3	22.7	05
06	0.7 B	3.3	40.5 B	16.2	1.1	0.05	0.0	0.0	0.0	0.4	1.8	0.71B	06
07	0.73B	2.8	41.6 B	17.4	0.98	0.05	0.0	0.0	0.0	0.49	1.5	0.71B	07
08	0.75B	2.7	27.1 B	15.1	0.96	0.0	0.0	0.0	0.0	0.49	1.2	3.5	08
09	0.64B	2.6	18.7 B	12.4	0.93	0.0	0.0	0.0	0.0	0.48	1.0	3.8	09
10	0.52B	2.5	12.2 B	9.0	0.9	0.0	0.0	0.0	0.0	0.45	0.91	2.60	10
11	0.42	2.6	7.8 B	5.4	0.92	0.0	0.0	0.0	0.0	0.38	0.96	12.9 B	11
12	0.47	2.1 B	5.9 B	3.8	0.83	0.0	0.0	0.0	0.0	0.36	1.7	7.1 B	12
13	0.46B	1.5 B	7.5 B	3.1	0.83	0.0	0.0	0.0	0.0	0.44	3.8	6.1	13
14	0.49B	1.0 B	10.0 B	2.8	0.9	0.0	0.0	0.0	0.0	0.5	3.9	5.3	14
15	0.55B	0.88B	9.7 B	2.5	1.3	0.0	0.09	0.0	0.05	0.74	2.7	5.0	15
16	0.6 B	0.81B	7.9 B	2.3	9.5	0.0	0.01	0.0	0.11	0.98	2.2	5.3	16
17	0.6 B	0.9 B	5.8 B	2.3	14.3	0.0	0.01	0.0	0.01	0.78	2.0	5.5	17
18	0.58B	0.74B	8.8 B	2.3	7.5	0.0	0.0	0.0	0.26	0.65	2.0	5.7	18
19	0.57B	1.0 B	25.2 B	2.2	4.1	0.0	0.0	0.17	0.05	0.5	2.0	7.0	19
20	0.56B	1.5 B	34.0 B	51.0	2.2	0.0	0.22	0.02	1.6	0.41	2.8	14.8	20
21	0.57B	4.2 B	30.2 B	44.3	1.4	0.0	0.06	0.01	1.0	0.79	8.6	16.7	21
22	0.57B	1.7 B	22.2 B	23.0	1.2	0.0	1.1 E	0.01	0.59	2.8	7.0	8.2	22
23	0.58B	4.4 B	28.0 B	11.8	1.0	0.0	0.71E	0.0	0.39	3.8	3.9	4.8	23
24	0.59B	5.0 B	48.2	14.9	1.2	0.0	0.34	0.0	0.25	2.7	2.7	4.0	24
25	0.59B	4.4 B	37.0	1.2	0.01E	0.19	0.0	0.23	1.8	1.9	2.9	25	
26	0.55B	3.0 B	32.9	12.4	2.8	0.02E	0.11	0.0	0.32	1.3	1.7	2.6	26
27	0.55B	1.6 B	36.6	6.6	2.3	0.02E	0.04	0.0	0.68	0.93	1.7	2.5	27
28	0.64B	1.1 B	25.9 B	4.3	1.4	0.02	0.02	0.0	2.9	0.75	8.4	2.3	28
29	1.6 B	12.1 B	3.0	1.0	0.02	0.01	0.0	1.3	0.66	16.9	2.1 B	29	
30	1.9 B	8.0	2.8	0.77	0.01	0.01	0.05	0.78	0.35	9.1	1.9 B	30	
31	2.7 B		5.9		0.6		0.0	0.05	4.3		1.8 B	31	
TOTAL	23.5	82.33	617.82	597.5	72.52	1.44	2.95	0.32	10.55	30.95	119.97	246.42	TOTAL
MEAN	0.75	2.94	19.92	19.91	2.33	0.04	0.09	0.01	0.35	0.99	3.99	7.94	MEAN
AC-FT	46.61	163.3	1225.44	1185.14	143.84	2.85	5.85	0.63	20.92	61.38	237.96	488.77	AC-FT
MAX	2.7	7.5	52.7	137.0	14.3	0.47	1.1	0.17	2.9	4.3	16.9	50.5	MAX
MIN	0.42	0.74	0.88	2.2	0.6	0.0	0.0	0.0	0.33	0.91	0.71	0.71	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 4.9 CFS  
TOTAL DISCHARGE, 3580 AC-FT  
MAXIMUM DAILY DISCHARGE, 137 CFS  
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,  
AT THE COMMUNITY OF DRUMQUIN.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 11.6 SQUARE MILES.  
REMARKS: STATION CONTROL IS A SHARP-CRESTED  
120 DEGREE V-NOTCH WEIR.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW



## EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	19.9 8	1.7	0.65	93.1	2.5	3.1	0.92	0.12	0.0	0.0	9.3	7.9	01
02	17.6 8	44.4 8	1.6	61.0	3.2	2.6	0.55	0.02	0.0	0.1	7.7	5.1	02
03	15.3 8	45.1 8	18.3 8	49.5	4.0	2.1	0.39	0.01	0.0	0.14	5.6	3.9	03
04	14.6 8	13.2 8	91.2 8	33.3	3.8	1.6	0.26	0.01	0.0	0.02	4.1	3.6	04
05	14.1 8	6.5 8	56.6	26.2	3.0	1.2	0.23	0.0	0.0	0.01	2.7	10.6	05
06	12.1 8	4.9 8	72.3	11.6	2.1	1.3	0.16	0.0	0.0	0.01	2.0	12.9	06
07	5.3 8	4.1 8	51.3	7.4	1.6	1.1	0.12	0.0	0.0	0.01	1.5	7.0	07
08	2.8 8	3.2 8	58.4	5.1	1.7	0.78	0.07	0.0	0.0	0.01	1.3	4.5	08
09	1.8 8	2.8 8	28.3	3.7	2.8	0.67	0.02	0.0	0.0	0.01	0.99	3.6	09
10	1.4 8	2.3 8	31.5	3.2	4.0	0.5	0.02	0.0	0.0	0.01	0.82	3.4	10
11	1.2 8	1.5 8	138.0	2.9	5.1	0.41	0.01	0.0	0.0	0.01	0.74	3.4	11
12	1.0	1.3 8	185.0	2.6	7.6	0.39	0.01	0.0	0.0	0.01	0.7	3.0	12
13	0.92	1.2	34.5	2.2	4.4	0.32	0.01	0.0	0.0	0.01	0.66	2.7	13
14	0.87	0.96	258.0	1.9	2.9	0.2	0.01	0.0	0.0	0.02	0.63	2.4	14
15	0.88	0.92	114.0	1.7	2.3	0.06	0.01	0.0	0.0	0.02	1.16	2.0	15
16	0.94	0.848	31.9	1.6	1.9	0.08	0.0	0.0	0.0	0.02	3.64	1.5	16
17	2.2	0.728	180.0	1.4	1.7	0.12	0.0	0.0	0.0	0.02	11.3	1.1	17
18	43.4 8	0.6	36.5	1.3	1.6	0.2	0.0	0.0	0.0	0.02	6.6	0.82	18
19	71.5 8	0.59	22.0	1.2	1.5	0.15	0.0	0.0	0.0	0.02	7.1	0.66	19
20	43.2 8	0.63	20.3	1.1	1.2	0.15	0.0	0.0	0.0	0.04	6.8	0.84	20
21	11.7 8	0.668	18.8	1.0	1.1	0.29	0.0	0.0	0.0	0.03	5.8	1.1	21
22	15.0 8	0.668	13.2	1.1	0.88	0.27	0.0	0.0	0.0	0.03	12.6	1.1	22
23	35.3 8	0.658	20.0	0.88	0.7	0.26	0.0	0.0	0.03	0.02	9.1	1.1	23
24	17.1 8	0.658	47.2	1.1	0.71	0.13	0.0	0.0	0.02	0.02	7.6	1.1	24
25	7.8	0.668	38.5	0.96	0.63	0.14	0.13	0.0	0.01	0.02	24.8	1.3	25
26	7.5	0.62	20.8	0.8	0.41	0.15	0.12	0.0	0.01	0.03	12.0	2.5	26
27	9.1	0.58	12.5	1.0	0.84	0.18	0.06	0.0	0.01	0.03	7.1	44.6	27
28	7.9	0.55	7.1	3.9	17.7	0.45	0.01	0.0	0.01	0.14	40.2	84.7	28
29	3.9 8	8.3	4.2	21.2	1.0	0.01	0.0	0.01	1.0	45.3	45.2	B 29	
30	3.4 8	19.8	3.1	7.6	1.8	0.01	0.0	0.0	14.6	14.4	25.1	B 30	
31	2.3 8		22.5		4.3		0.01	0.0		10.1		16.6	B 31
TOTAL	392.01	142.49	1659.05	329.84	114.97	21.7	3.14	0.16	0.1	26.53	297.44	305.32	TOTAL
MEAN	12.64	5.08	53.51	10.99	3.7	0.72	0.1	0.0	0.0	0.85	9.91	9.64	MEAN
AC-FT	777.55	282.62	3290.72	654.23	228.04	43.04	6.22	0.31	0.19	52.02	589.97	605.6	AC-FT
MAX	71.5	45.1	258.0	93.1	21.2	3.1	0.92	0.12	0.03	14.0	45.3	84.7	MAX
MIN	0.87	0.55	0.65	0.8	0.41	0.06	0.0	0.0	0.0	0.0	0.63	0.66	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 9.0 CFS

TOTAL DISCHARGE, 6530 AC-FT

MAXIMUM DAILY DISCHARGE, 258 CFS

MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,

AT THE COMMUNITY OF DRUMQUIN.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 11.6 SQUARE MILES.

REMARKS: STATION CONTROL IS A SHARP-CRESTED

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.9 8	45.2 8	22.1	5.5	1.8	0.75	2.2	0.0	0.0	0.01	0.01	0.37	01
02	8.5 8	20.9 8	23.6	37.9	1.3	0.56	1.6	0.0	0.0	0.01	0.01	0.35	02
03	6.7	9.3 8	16.8	29.5	1.1	0.45	1.0	0.0	0.0	0.0	0.01	0.46	03
04	5.5	5.0 8	133.0	431.0	0.86	0.39	0.69	0.0	0.0	0.0	0.02	0.35	04
05	4.4	2.9 8	522.0	38.6	0.88	0.29	0.55	0.0	0.0	0.0	0.07	0.31	05
06	3.6	1.9	40.0	16.4	1.5	0.24	0.72	0.0	0.0	0.0	0.03	0.32	06
07	3.2 8	1.6	42.2	11.5	2.3	0.22	0.63	0.0	0.0	0.0	0.01	0.34	07
08	2.7 8	1.4	20.7	16.2	1.9	0.19	0.36	0.0	0.0	0.0	0.01	0.66	08
09	2.4 8	1.1	9.2	7.9	27.5	0.16	0.23	0.0	0.0	0.0	0.01	1.3	09
10	2.0 8	1.0	10.4	5.5	19.0	0.12	0.16	0.0	0.0	0.0	0.01	1.3	10
11	1.8	0.96	15.8 8	4.2	7.4	0.08	0.1	0.0	0.0	0.0	0.01	0.78	11
12	1.7	0.9	7.6 8	4.4	106.0	0.06	0.06	0.0	0.0	0.0	0.06	0.95	12
13	1.6	0.97	4.0 8	10.7	49.0	0.06	0.04	0.0	0.0	0.0	0.1	1.6	13
14	1.6	1.0	3.2 8	14.2	12.7	0.09	0.02	0.0	0.0	0.04	1.2	1.8	14
15	1.6	0.89	3.4	27.0	8.8	0.18	0.02	0.0	0.0	0.02	0.9	1.3	15
16	1.6	0.75	3.0	9.7	419.0	0.56	0.01	0.0	0.0	0.01	0.91	1.2	16
17	1.6	0.71	3.0 8	5.5	1970.0	2.7	0.01	0.0	0.0	0.01	0.6	1.3	17
18	1.6	0.67	3.2 8	3.7	30.7	2.0	0.01	0.0	0.0	0.01	0.44	1.3	18
19	1.5	0.69	3.4	2.8	10.0	6.2	0.0	0.0	0.0	0.01	0.38	1.2	19
20	1.5	0.74	3.3	2.3	5.7	15.5	0.0	0.0	0.0	0.01	0.8	0.92	20
21	3.1	0.84	3.5	2.0	3.9	5.9	0.0	0.0	0.0	0.01	8.7	0.79	21
22	6.0	63.0	3.0	2.7	2.9	7.0	0.0	0.0	0.0	0.01	4.9	0.79	22
23	35.7	29.0 8	2.8	10.8	2.3	4.7	0.0	0.0	0.0	0.0	2.0	0.81	23
24	69.5	13.1 8	2.6 8	9.4	1.7	2.6	0.0	0.0	0.0	0.01	1.4	0.91	24
25	66.2	9.0 8	2.2 8	5.2	1.3	3.1	0.0	0.0	0.0	0.01	1.5	1.3	25
26	31.9	6.8 8	2.1	3.3	1.1	4.3	0.0	0.0	0.0	0.01	1.1	1.1	26
27	190.0	5.5 8	2.0	2.4	0.92	3.2	0.0	0.0	0.0	0.01	0.71	0.8	27
28	213.0	6.4 8	2.2	1.9	0.82	2.1	0.0	0.0	0.0	0.01	0.55	0.7	28
29	46.9	1.4 8	1.8	0.92	2.1	0.0	0.0	0.0	0.03	0.01	0.47	0.67	29
30	30.4	1.9	1.7	0.98	2.3	0.0	0.0	0.0	0.01	0.01	0.42	0.71	30
31	56.0		2.4		0.93		0.0	0.0		0.01		0.69	31
TOTAL	815.7	232.22	916.0	725.7	2695.21	68.1	8.41	0.0	0.04	0.23	27.34	27.38	TOTAL
MEAN	26.31	8.29	29.54	24.19	86.94	2.27	0.27	0.0	0.0	0.0	0.91	0.88	MEAN
AC-FT	1617.94	460.6	1816.88	1439.42	5345.94	135.07	16.68	0.0	0.07	0.45	54.22	54.3	AC-FT
MAX	213.0	63.0	522.0	431.0	1970.0	15.5	2.2	0.0	0.03	0.04	8.7	1.8	MAX
MIN	1.5	0.67	1.4	1.7	0.82	0.06	0.0	0.0	0.0	0.0	0.01	0.31	MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 15.1 CFS

TOTAL DISCHARGE, 10900 AC-FT

MAXIMUM DAILY DISCHARGE, 1970 CFS

MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,

AT THE COMMUNITY OF DRUMQUIN.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 11.6 SQUARE MILES.

REMARKS: STATION CONTROL IS A SHARP-CRESTED

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAY
01	1.0	4.0	3.4 8	3.6	1.7	0.25	0.01	0.0 E	0.5	0.17	0.3	2.1	01
02	1.2	2.3	2.6 8	3.4	1.5	0.21	0.0	0.0 E	0.76	0.17	0.43	2.0	02
03	1.1	1.6	2.1 8	3.8	1.4	0.21	0.0	0.1 E	0.61	0.13	0.57	1.5	03
04	1.2	0.93	1.8 8	2.6	1.9	0.22	0.0	0.1 E	0.37	0.1	0.99	1.1	04
05	1.2	0.71	1.5 8	2.1	3.5	0.33	0.0	0.0 E	0.21	0.1	1.0	0.94	05
06	1.2	0.67	1.3 8	2.5	57.7	0.36	0.0	0.0 E	0.15	0.08	0.93	3.4	06
07	1.2	0.57	1.3 8	8.1	53.6	0.29	0.0	0.0 E	0.09	0.07	0.74	5.8	07
08	1.4	0.44	1.3 8	25.0	12.3	0.27	0.0	0.0 E	0.05	0.06	0.69	3.0	08
09	2.8	0.4	1.2 8	25.4	6.0	0.18	0.0	0.0 E	0.02	0.07	0.61	2.0	09
10	6.8	0.358	1.2 8	19.2	3.7	0.12	0.0	0.0 E	0.02	0.07	1.9	2.3	10
11	5.3	0.318	1.3	13.6	2.6	0.08	0.01	0.0 E	0.03	0.05	5.1	2.4	11
12	6.1	0.28	1.9	9.7	2.0	0.22	0.01	0.0 E	0.18	0.05	2.8	2.3	12
13	4.6	0.278	31.2	6.3	1.8	0.17	0.01	0.0 E	0.11	0.08	1.7	2.0	13
14	3.1	0.26	19.7	5.2	1.5	0.36	0.01	0.0 E	0.08	0.09	1.2	5.5	14
15	1.9	0.27	10.7	5.6	1.2	0.28	0.01	0.0 E	0.26	0.08	0.80	2.4	15
16	1.3	0.37	10.3	6.0	0.97	0.23	0.0	0.0 E	0.21	0.13	0.74	14.0	16
17	0.54	0.55	20.9	5.2	0.78	0.16	0.0	0.0 E	0.15	0.27	0.64	5.9	17
18	0.48	2.2	27.5	5.6	0.69	0.16	0.0	0.0 E	0.23	0.35	0.59	3.4	18
19	0.398	6.1	56.8	239.0	0.61	3.9	0.07	0.0 E	0.86	0.47	0.56	2.2	19
20	0.318	11.8	68.8	29.3	0.5	4.4	0.02	0.0 E	2.7	3.1	0.55	1.5	20
21	0.26	12.1	17.0	10.3	0.44	1.7	0.01	0.0 E	1.8	4.3	0.58	1.4	21
22	0.25	26.8	30.9	5.9	0.38	0.83	0.01	0.0 E	1.1	2.1	0.56	1.2	22
23	0.22	71.7	41.3	4.3	0.28	0.52	0.0	0.0	0.66	1.2	0.5	1.2	23
24	0.22	327.0	26.0	5.8	0.22	0.4	0.0	0.75	0.41	0.79	0.51	1.0	24
25	0.89	289.0	31.9	6.8	0.19	0.25	0.0	0.24	0.27	0.67	0.51	0.98	25
31	7.3		4.0		0.21		0.0 E	0.08		0.25		3.0	31
TOTAL	111.56	791.88	459.3	468.4	158.85	16.55	0.24	1.51	12.85	16.91	33.06	102.72	TOTAL
MEAN	3.59	28.28	14.81	15.61	5.12	0.55	0.0	0.04	0.42	0.54	1.1	3.31	MEAN
AC-FT	221.27	1570.69	911.02	929.07	315.07	32.82	0.47	2.99	25.48	33.54	65.57	203.74	AC-FT
MAX	28.1	327.0	68.8	239.0	57.7	4.4	0.07	0.75	2.7	4.3	5.1	24.3	MAX
MIN	0.22	0.26	1.2	1.9	0.14	0.02	0.0	0.02	0.0	0.05	C.3	0.94	MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 6.0 CFS

TOTAL DISCHARGE, 4310 AC-FT

MAXIMUM DAILY DISCHARGE, 327 CFS

MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,

AT THE COMMUNITY OF DRUMQUIN.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 11.6 SQUARE MILES.

REMARKS: STATION CONTROL IS A SHARP-CRESTED

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAY	
01	3.1 8	1.1 8	16.1	59.9	4.3	0.92			0.2	0.01	0.41	0.79	0.5	01
02	3.0 8	1.1 8	8.5	18.2	3.5	1.3			1.3	0.01	0.3	0.83	0.42	02
03	2.9 8	1.0 8	5.9	9.5	3.6	0.91			0.64	0.0	0.25	0.8	0.34	03
04	2.6 8	1.0 8	5.4	5.7	3.3	0.65			0.3	0.0	0.22	0.71	0.31	04
05	2.0 8	0.958	50.6	4.0	2.5	0.48			0.18	0.0	0.19	0.65	0.29	05
06	1.5 8	0.958	214.0	3.1	4.8	0.35			0.11	0.0	0.19	0.63	0.29	06
07	1.4 8	0.9 8	54.1	2.5	208.0	0.26			0.06	0.0	0.25	0.6	0.33	07
08	1.3 8	0.9 8	23.4	2.2	32.8		6.6		0.1	0.0	0.21	0.6	0.32	08
09	1.2 8	0.9 8	12.6	1.9	11.0		4.8		0.1	0.0	0.46	0.45	0.26	09
10	1.1 8	1.6	11.0	1.8	5.9		2.6		0.06	0.0	0.68	0.55	0.26	10
11	1.1 8	3.4	10.9	1.6	6.4		2.0		0.02	0.0	0.73	0.51	0.29	11
12	1.0 8	6.0	9.4	1.4	8.6		1.7		0.12	0.0	0.75	0.48	0.3	12
13	1.0 8	11.7	109.0	1.3	4.8		1.0		0.23	0.0	0.59	0.47	0.27	13
14	0.958	26.0	40.7	1.2	3.3		0.69		0.25	0.0	0.46	0.45	0.23	14
15	0.9 8	67.8	21.2	1.5	2.6		0.53		1.4	0.0	0.37	0.42	0.22	15
16	0.9 8	286.0	18.6	11.9	2.8		0.48		0.93	0.0	0.29	0.41	0.22	16
17	0.858	214.0	9.2	9.2	14.2		0.41		0.66	0.33	0.25	0.39	0.24	17
18	0.8 8	200.0	6.0	4.2	7.1		0.33		0.34	5.8	0.22	0.38	0.26	18
19	0.738	282.0	107.0	2.7	3.8		0.25		0.2	3.6	0.2	0.38	0.26	19
20	0.778	71.3	467.0	1.9	2.5		0.21		0.12	1.8	0.28	0.39	1.0	20
21	0.768	34.9	107.0	1.6	1.9		0.25		0.05	0.97	0.75	0.42	1.5	21
22	0.718	109.0	18.1	1.7	1.5		0.2		0.02	0.72	2.2	0.43	1.7	22
23	0.668	60.4	8.2	1.7	1.2		0.16		0.01	0.55	2.2	0.42	0.94	23
24	0.648	27.3	8.7	1.7	0.93		0.16		0.01	0.42	2.2	0.39	0.6	24
25	0.588	67.0	9.6	34.3	1.1		0.12		0.01	0.32	1.9	0.36	0.44	25
26	1.2 8	103.0	8.3	93.7	1.7		0.08		0.0	0.35	2.0	0.44	0.35	26
27	2.3 8	46.2	6.1	95.0	1.7		0.04		0.0	0.51	1.7	0.63	0.31	27
28	2.1 8	25.8	8.2	45.8	1.5		0.02		0.0	0.49	1.3	1.4	0.28	28
29	1.5 8	15.2	5.8	13.0	0.97		0.1		0.01	0.64	1.0	1.3	0.29	29
30	1.3 8	4.2	6.6	0.52			0.1		0.01	0.5	0.81	0.71	0.26	30
31	1.2 8		12.5		0.66		0.13		0.01		0.81		0.25	31
TOTAL	42.05	1662.4	1397.3	440.8	349.48			7.45	17.02	24.17	17.51	13.54	TOTAL	
MEAN	1.35	57.32	45.07	14.69	11.27			0.24	0.56	0.77	0.58	0.43	MEAN	
AC-FT	83.4	3297.37	2771.54	874.32	693.19			14.77	33.75	47.94	34.73	26.85	AC-FT	
MAX	3.1	286.0	467.0	95.0	208.0			1.4	5.8	2.2	1.4	1.7	MAX	
MIN	0.58	0.9	4.2	1.2	0.52			0.0	0.0	0.19	0.36	0.22	MIN	

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 467 CFS

MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,

AT THE COMMUNITY OF DRUMQUIN.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 11.6 SQUARE MILES.

REMARKS: STATION CONTROL IS A SHARP-CRESTED

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## EAST OAKVILLE CREEK AT DRUMQUIN - STATION NO. 02HB204

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.248	0.218	18.2	8.9	1.0	0.06	0.01	0.08	0.16	5.0			01
02	0.258	0.28	9.3	6.6	1.5	0.09	0.0	0.02	0.47	105.0			02
03	0.258	0.28	7.1	42.9	1.1	0.07	0.0	0.01	0.34	37.9			03
04	0.258	0.228	56.7	13.4	0.98	0.02	0.0	0.01	0.2	14.0			04
05	0.258	0.248	315.0	34.5	0.94	0.01	0.01E	0.01	0.17	7.1			05
06	0.248	0.248	47.2	17.5	0.83	0.08	0.02E	0.01	0.19	4.5			06
07	0.238	0.238	23.5	7.3	0.73	0.05	0.05E	0.01	0.17	3.2			07
08	0.218	0.228	44.3	4.8	0.62	0.02	0.1 E	0.15	0.14	2.6			08
09	0.198	0.218	199.0	3.7	0.49	0.01	0.18	0.06	0.11	26.6			09
10	0.238	0.228	168.0	3.0	0.44	0.01	0.13	0.07	0.08	75.1			10
11	0.258	0.238	33.2	2.7	0.37	0.01	0.07	0.02	0.05	19.7			11
12	0.228	0.38	20.2	2.5	0.35	0.0	0.09	0.01	0.03				12
13	0.228	1.18	229.0	2.3	0.31	0.0	0.06	0.01	0.07				13
14	0.238	1.18	33.8	2.0	0.27	0.0	0.02	0.03	0.22				14
15	0.238	1.98	13.9	1.7	0.24	0.0	0.01	0.02	0.36				15
16	0.248	4.2	9.1	1.5	0.22	0.0	0.05	0.11	1.3				16
17	0.258	10.1	5.9	1.1	0.19	0.0	0.02	0.14	1.6				17
18	0.248	5.7	4.3	1.1	0.21	0.05	0.01	0.16	1.8				18
19	0.248	3.1	3.4	1.0	0.2	0.03	0.01	0.09	2.4				19
20	0.238	3.0	3.2	0.91	0.16	0.01	0.01	0.13	2.2				20
21	0.238	3.2	3.0	0.91	0.15	0.01	0.0	0.23	2.3				21
22	0.248	2.4	3.9	1.9	0.11	0.0	0.0	0.38	2.1				22
23	0.238	1.3	3.9	82.9	0.15	0.0	0.0	0.33	1.7				23
24	0.238	2.0	5.8	85.9	0.23	0.0	0.0	0.25	1.3				24
25	0.268	3.3	4.3	19.7	0.28	0.21	0.0	0.45	56.7				25
26	0.278	5.9	5.0	10.1	0.19	0.06	0.0	0.36	43.3				26
27	0.278	12.5	9.1	6.4	0.17	0.02	0.0	0.24	66.0				27
28	0.298	22.6	17.5	4.4	0.14	0.01	0.0	0.24	18.3				28
29	0.288	46.1	3.1	0.06	0.05	0.0	0.0	0.19	8.6				29
30	0.258	20.3	2.3	0.03	0.02	0.0	0.0	0.15	5.2				30
31	0.248		14.6		0.02		0.14	0.11					31
TOTAL	7.5	86.12	1377.8	377.02	13.46	0.9	0.99	4.08	217.56				TOTAL
MEAN	0.24	3.07	44.44	12.56	0.43	0.03	0.03	0.13	7.25				MEAN
AC-FT	14.87	170.81	2732.86	747.81	26.69	1.78	1.96	8.09	431.53				AC-FT
MAX	0.29	22.6	315.0	85.9	1.8	0.21	0.18	0.45	66.0				MAX
MIN	0.19	0.2	3.0	0.91	0.02	0.0	0.01	0.03					MIN

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 315 CFS  
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON HALTON REGION ROAD 3,  
AT THE COMMUNITY OF DRUMQUIN.

B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 11.6 SQUARE MILES.  
REMARKS: STATION CONTROL IS SHARP-CRESTED  
120 DEGREE V-NOTCH WEIR.

NATURAL FLOW

## VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01					3.1	9.5			3.3	3.5	3.4	11.8	01
02					3.1	7.7	3.7	3.4	3.4	3.3	12.0	02	
03					2.9	6.8	3.6	3.7	3.2	11.2	03		
04					2.8	6.1	3.5	2.7	3.1	14.3	E	04	
05					2.8	5.9	4.2	2.6	3.1	19.9	E	05	
.													
06					2.7	15.3	13.7	2.5	3.0	13.9	E	06	
07					2.7	9.4	10.4	2.7	3.2	8.3	07		
08					2.7	7.0	6.4	2.7	3.4	7.4	08		
09					2.6	6.2	5.1	2.6	3.3	6.5	09		
10					2.5	5.9	4.9	2.5	3.4	5.7	10		
11					2.5		4.9	2.5	3.6	5.3	11		
12					2.5		4.6	2.4	3.4	5.3	12		
13					2.5		4.3	2.4	3.3	6.8	13		
14					2.4		4.1	2.3	3.2	7.4	14		
15					2.5		4.0	2.3	3.6	6.1	15		
16					2.6		3.8	2.2	9.3	5.4	16		
17					2.5		3.6	2.1	7.9	5.0	17		
18					2.4		3.6	2.2	10.7	4.7	18		
19					2.4		3.5	3.4	8.7	4.7	19		
20					2.5		3.5	4.0	6.4	4.8	20		
21					2.4		3.7	3.5	3.3	4.6	21		
22					2.5		3.8	3.6	6.9	4.7	22		
23					2.5		3.8	3.9	5.8	10.6	E	23	
24					2.4		3.7	3.8	5.2	6.7	24		
25					3.5		3.7	3.7	5.1	5.5	25		
26					68.6		3.6	3.6	2.9	4.8	5.3	26	
27					21.0		3.5	3.5	2.8	5.0	5.2	27	
28					3.2	14.0	3.4	3.6	3.0	8.1	E	28	
29					3.3	14.2	3.4	3.6	4.5	17.5	E	13.3	E
30					3.2	14.7	3.4	3.6	4.1	13.8	E	30	
31					3.1		3.3		3.6		8.4	B	31
TOTAL					198.5			135.0	90.6	170.3	239.0	TOTAL	
MEAN					6.61			4.5	2.92	5.67	7.96	MEAN	
AC-FT					393.72			267.77	179.7	337.79	474.05	AC-FT	
MAX					68.6			13.7	4.5	17.5	19.9	MAX	
MIN					2.4			3.3	2.1	3.0	4.0	MIN	

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 68.6 CFS  
MINIMUM DAILY DISCHARGE, 2.1 CFS

LOCATION: AT THE CULVERT ON THE TOWNSLINE ROAD, 1.5 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.

B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 7.2 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.

NATURAL FLOW

## VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

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## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	7.4		5.1		6.6	7.4	4.8			2.6	3.5	5.2	01	
02	7.1		5.0		6.1	8.3	4.8			2.8	3.2	4.8	02	
03	6.2 B		5.1		6.0	9.5	4.7			2.8	5.2	4.9	03	
04	5.7 B		5.0		5.9	7.9	4.8			2.7	5.3	4.7	04	
05	5.7		4.8		5.5	6.6	6.0			2.6	7.1	4.5	05	
06	5.6	9.1	4.7		5.2	7.2	5.6			2.6	5.9	4.4	06	
07	5.0	8.2	4.7	8.8	5.0	7.4	5.0			2.6	5.3	4.8	07	
08	4.9 B	7.7	4.5	6.9	6.7	6.5	4.8			2.6	5.0	15.4	08	
09	5.0 B	7.4	4.4	5.9	7.6	6.2	4.6		2.7	2.6	4.8	9.5	09	
10	4.9	7.0	4.4	8.1	9.2	5.5	4.5		2.6	2.6	4.7	7.4	10	
11	4.9	6.8	3.9 B	6.4	13.1 E	5.2	4.5			2.6	2.5	4.6	11	
12	4.9	6.6	3.9 B	5.1	10.8 E	5.0	4.6			3.5	4.5	9.2	12	
13	4.9	6.2	3.9 B	4.5	8.2	4.8	4.5			3.2	2.5	7.9	13	
14	4.8	5.9	3.9 B	4.2	7.2	4.7	4.4			3.0	2.6	6.0	14	
15	4.8	5.6	4.3	4.0	6.3	5.1	4.3			2.9	2.6	6.7	15	
16	4.6	5.5	4.3	6.7	5.7	6.4	4.3			2.9	2.7	6.3	16	
17	4.8	5.3	4.3	5.9	5.4	5.5	4.4			3.2	2.7	5.9	17	
18		5.2	4.5			5.2	4.5			3.0	2.7	5.8	18	
19		5.1	4.9			5.0	4.8			3.0	2.7	5.7	19	
20		5.0	5.2			5.0	4.7			2.9	3.0	12.9	20	
21		5.0	6.8			4.9	4.5			2.9	3.1	8.0	21	
22		5.3	6.3		11.3	4.6	4.4			2.8	3.4	6.8	22	
23		5.6	5.9		10.1	4.9	3.9			2.7	3.5	0.5	23	
24		5.5			8.6	5.6	3.6			2.9	3.4	6.3	24	
25		5.6			7.7	5.3				2.9	3.4	6.0	25	
26		5.4			7.0	4.9				2.8	3.2	5.7	26	
27		5.2			6.4	4.7				2.8	3.5	5.5	27	
28		5.1			6.3	6.7				2.7	3.6	6.1	28	
29				7.9	6.0	5.4				2.7	3.5	5.3	29	
30					7.2	5.7	4.9			2.7	3.5	5.3	30	
31						5.4					3.5	4.1	31	
TOTAL						176.3					90.6	190.4	185.5	TOTAL
MEAN						5.87					2.92	6.34	5.98	MEAN
AC-FT						349.69					179.7	377.65	367.93	AC-FT
MAX						9.5					3.6	17.4	15.4	MAX
MIN						4.6					2.5	3.5	4.1	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 17.4 CFS  
MINIMUM DAILY DISCHARGE, 2.5 CFS

LOCATION: AT THE CULVERT ON THE TOWNSLINE ROAD, 1.5 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 7.2 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.9	6.2 B	4.3	8.0	9.7	3.1	2.2	1.3	1.7	1.6	4.0	8.0	01
02	3.7	10.2	4.3	29.7 E	6.8	2.5	2.2	1.3	1.6	1.7	3.5	6.9	02
03	3.7	11.6	4.3	25.2 E	5.5	2.5	2.2	1.2	1.7	1.6	4.9	6.5 E	03
04	3.6	5.7 B	5.4	16.0	5.0	2.5	2.3 E	1.5	1.7	1.5	12.2 E	19.0 E	04
05	3.6	7.6	23.4	11.5	4.8	2.5	2.2 E	1.5	1.7	2.1	15.0 F	10.9	05
06	3.4	7.0	16.1	9.8	4.5	2.5	2.2 E	1.5	1.6	2.2	6.3	8.1	06
07	3.5	6.7	12.2	7.4	4.3	2.5	2.1	1.5	1.6	2.8	5.0	6.4	07
08	3.5	6.4	10.8	8.8	4.2	2.4	2.2	1.5	1.7	1.7	4.4	5.9	08
09	3.3	6.3	9.2	7.5	4.0	2.4	2.2	1.3	1.7	1.6	4.0	6.1	09
10	3.3	6.2	7.8	6.9	3.9	2.4	2.2	1.2	1.7	1.6	3.2	5.5	10
11	3.4	6.5	7.0	6.5	3.8	2.4	2.2	1.1	1.7	1.6	6.7	6.3	11
12	3.5	5.9	6.6	6.2	5.4	2.4	2.2	1.2	1.6	1.6	6.3	6.2	12
13	3.5	5.5	6.4	5.9	6.9	2.3	2.2	1.5	1.6	1.8	5.9	5.5	13
14	3.4	5.0	6.4	4.7	6.4	2.3	2.2	1.4	1.7	1.9	4.9	6.6	14
15	3.3	4.9	5.8	3.5	5.7	2.3	2.4	1.4	1.7	1.7	4.8	6.5	15
16	3.3	4.7	5.5	3.5	6.5	2.3	2.3	1.5	1.7	1.7	4.9	6.5	16
17	3.5	4.5	5.3	3.3	5.8	2.3	2.3	1.5	1.8	1.5	4.7	7.6	17
18	3.6	4.6	5.6	3.3	4.1	2.3	2.3	1.5	1.8	1.5	4.7	7.6	18
19	3.4	5.2	6.7	3.4	4.3	2.2	2.3	1.6	1.7	1.5	4.5	12.2 E	19
20	3.2	4.7	11.3	4.2	5.0	2.3	2.5	1.6	1.7	1.5	5.3	10.9 E	20
21	3.1	4.4	12.9	4.1	4.9	2.3	2.4	1.6	1.6	2.0	8.9	9.8	21
22	3.0	4.7	10.6	3.9	4.7	2.2	2.3 E	1.6	1.6	2.4	6.4	7.1	22
23	3.0	5.5 E	12.0	5.1	4.4	2.2	2.3 E	1.6	1.8	3.1	5.3	6.5	23
24	3.0	4.5	14.0	6.3	4.4	2.2	2.3 E	1.6	1.8	2.8	4.7	5.3	24
25	3.0	4.6	10.8	8.5	4.7	2.2	2.2 E	1.6	1.7	2.3	4.5	5.4	25
26	3.3	4.5	12.6	6.1	4.1	2.3	2.2 E	1.6	2.4	2.4	4.2	5.1	26
27	3.4	4.6	12.2	5.1	4.1	2.2	2.2 E	1.6	1.9	2.3	7.1	5.0	27
28	3.6	4.4	9.6	4.6	3.9	2.2	2.3 E	1.6	1.8	2.2	16.4 E	4.8	28
29	6.7		8.6	6.3	3.7	2.2	2.3 E	1.7	1.7	2.2	12.1	4.7	29
30	7.3 B		8.2	8.0	3.6	2.2	2.4 E	1.7	1.7	2.8	16.2	4.4	30
31	6.0 B		8.0		3.5		2.3 E	1.7		3.8		4.2	31
TOTAL	115.0	162.6	283.9	233.3	152.6	70.6	70.1	46.0	52.3	62.2	197.9	229.8	TOTAL
MEAN	3.7	5.8	9.15	7.17	4.92	2.35	2.26	1.48	1.74	2.0	6.59	7.41	MEAN
AC-FT	228.1	322.51	563.11	462.75	302.68	140.03	139.04	91.24	103.73	123.37	392.53	455.05	AC-FT
MAX	7.3	11.6	23.4	29.7	9.7	3.1	2.5	1.7	2.4	3.8	16.4	19.0	MAX
MIN	3.0	4.4	4.3	3.3	3.5	2.2	2.1	1.1	1.0	1.5	3.5	4.2	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 4.6 CFS  
TOTAL DISCHARGE, 3330 AC-FT  
MAXIMUM DAILY DISCHARGE, 29.7 CFS  
MINIMUM DAILY DISCHARGE, 1.1 CFS

LOCATION: AT THE CULVERT ON THE TOWNSLINE ROAD, 1.5 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 7.2 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.2	2.3	21.2 E	10.2	5.0	3.1	2.2	2.0	1.4	1.4	1.7	1.5	01
02	4.2	2.3	17.4 E	24.1	4.9	3.1	2.2	2.0	1.4	1.4	1.7	1.5	02
03	4.1	2.3	15.2 E	19.4	4.8	3.1	2.2	1.9	1.4	1.4	1.7	1.5	03
04	5.5	2.3	11.5 E	13.2	4.0	3.0	2.2	1.8	1.4	1.4	1.7	1.4	04
05	11.1	2.9	9.8	10.8	4.5	3.0	2.2	1.7	1.4	1.4	1.7	1.4	05
06	6.5	3.2	8.1	9.9	4.4	3.0	2.3	1.4	1.4	1.5	1.7	1.5	06
07	4.6	3.5	12.8 E	9.3	4.3	3.0	2.2	1.3	1.4	1.5	1.7	1.5	07
08	4.0	3.6	14.1 E	5.8	4.2	2.9	2.2	1.3	1.4	1.5	1.7	1.5	08
09	3.8	3.3	11.6 E	8.3	4.1	2.9	2.1	1.8	1.5	1.6	1.7	1.5	09
10	3.7	3.2	8.6	7.7	3.6	2.9	2.1	1.8	1.3	1.6	1.7	2.5	10
11	3.6	3.1	7.7	7.2	3.0	2.9	2.0	2.0	1.4	1.6	1.7	2.4	11
12	3.5	3.2	7.1	7.1	2.9	2.8	1.7	1.9	1.4	1.6	1.6	2.2	12
13	3.3	3.2	7.1	7.2	2.9	2.8	2.1	1.8	1.4	1.6	1.6	2.1	13
14	3.4	3.2	13.7	9.5	2.9	2.8	1.7	1.8	1.4	1.6	1.6	1.9	14
15	3.3	3.0	38.3	8.1	2.8	2.7	1.8	1.8	1.4	1.6	1.5	2.4	15
16	3.2	3.0	32.1	7.4	2.8	2.7	2.0	1.8	1.4	1.6	1.5	2.8	16
17	3.1	2.9	17.0	7.0	2.8	2.7	2.0	1.7	1.4	1.6	1.5	2.6	17
18	3.0	2.8	13.3	6.7	2.8	2.6	2.0	1.7	1.4	1.8	1.4	2.3	18
19	2.9	2.8	12.6	6.3	2.8	2.6	1.9	1.5	1.4	1.5	2.2	19	
20	2.9	2.9	12.0	6.1	2.8	2.5	1.9	1.5	1.5	1.6	1.5	3.1	20
21	2.9	4.0	11.2	5.9	2.7	2.5	1.9	1.5	1.5	1.6	1.4	3.7	21
22	2.9	6.2	12.2	5.8	2.7	2.5	1.6	1.5	1.4	1.6	1.4	3.5	22
23	2.9	10.1	13.1	5.6	2.7	2.4	1.6	1.7	1.4	1.7	1.4	3.4	23
24	2.9	10.0	11.4	5.6	2.7	2.4	1.9	1.6	1.4	1.8	1.4	3.4	24
25	2.9	9.4	9.9	5.5	2.9	2.4	1.9	1.6	1.4	1.9	1.4	3.3	25
26	2.8	11.6 E	9.3	5.4	3.0	2.3	2.0	1.6	1.4	1.8	1.4	3.4	26
27	2.2	29.8 E	9.4	5.3	3.2	2.1	2.0	1.8	1.4	1.8	1.5	3.4	27
28	2.1	33.2 E	10.4	5.3	3.2	2.0	2.0	1.6	1.4	1.8	1.5	3.6	28
29	2.3	12.1	5.3	3.2	1.9	2.0	1.6	1.4	1.8	1.5	3.6	29	
30	2.4	11.8	5.2	3.2	2.1	2.0	1.5	1.4	1.7	1.5	3.0 B	30	
31	2.2		9.9	3.1		2.0	1.5			1.7		3.3 B	31
TOTAL	112.4	173.3	411.9	249.2	105.5	79.7	61.9	52.0	42.0	48.5	46.8	78.5	TOTAL
MEAN	3.62	6.18	13.28	8.3	3.4	2.65	1.99	1.67	1.4	1.61	1.56	2.53	MEAN
AC-FT	222.94	343.74	817.0	494.28	209.25	158.08	122.77	103.14	83.3	96.19	92.82	155.7	AC-FT
MAX	11.1	33.2	38.3	24.1	5.0	3.1	2.3	2.0	1.5	1.9	1.7	3.8	MAX
MIN	2.1	2.3	7.1	5.2	2.7	1.9	1.6	1.3	1.3	1.4	1.4	1.4	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 4.0 CFS

TOTAL DISCHARGE, 2900 AC-FT

MAXIMUM DAILY DISCHARGE, 38.3 CFS

MINIMUM DAILY DISCHARGE, 1.3 CFS

LOCATION: AT THE CULVERT ON THE TOWNSLINE ROAD, 1.5 MILES

WEST OF THE COMMUNITY OF SOUTH MIDDLETON.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.9 8	2.5	5.2	11.3	3.2	3.3	5.0	2.5	2.5	2.3	2.5	5.4	01
02	3.1	2.5	45.4	9.7	9.0	3.2	4.3	3.0	2.4	2.3	2.7	5.0	02
03	3.1	2.5	14.8	8.2	50.2	3.1	6.7	2.9	2.5	2.3	2.6	4.9	03
04	2.9	2.6	11.0	8.7	22.5	3.0	13.6	2.9	2.4	2.3	2.6	4.9	04
05	2.6	2.5	7.9	9.7	12.3	2.9	7.3	2.8	2.4	2.3	2.6	4.6	05
06	2.5	2.4	6.1	9.4	9.1	2.8	5.3	2.8	2.4	2.3	2.6	23.3	06
07	2.4	2.4	6.6	7.4	6.0	2.8	6.4	2.9	2.3	2.4	2.6	23.4	07
08	2.4	2.3	14.6 E	6.1	2.7	3.9	2.9	2.5	2.3	2.7	9.2	0.8	08
09	2.5	2.3	6.6 8	5.5	2.7	3.6	3.0	2.4	2.3	2.7	7.4	0.9	09
10	5.3	2.2	5.9 B	5.4	2.7	3.5	2.9	2.4	2.3	2.3	2.8	7.2	10
11	5.9	2.2	5.3 B	5.7	2.7	3.3	2.9	2.3	2.3	2.3	2.9	0.8	11
12	4.4	2.2	9.4	5.6	2.7	3.2	2.9	2.3	2.3	2.3	2.9	5.7	12
13	3.8 8	2.3	15.2 E	23.8	2.7	3.1	2.8	2.4	2.3	2.3	2.9	14.5	13
14	3.6 8	2.4	4.3	19.1	2.7	3.1	2.8	2.3	2.3	2.3	3.4	24.9	14
15	3.1	2.5	6.5	23.5	2.6	3.5	2.8	2.3	2.3	2.3	3.9	19.9	15
16	2.5	2.6	11.4	31.0	2.6	4.2	2.8	2.3	2.3	2.3	3.7	14.5	16
17	2.5	2.5	7.2	90.6	2.5	3.9	2.8	2.3	2.4	2.4	3.5	10.2	17
18	2.5	2.5	12.0	26.2	2.5	3.5	2.7	2.3	2.4	2.4	3.3	8.3	18
19	2.8	2.5	14.8	15.8	2.4	3.4	2.7	2.3	2.4	2.4	3.4	7.4	19
20	3.0	2.2	12.8	43.0	2.4	3.2	2.6	2.3	2.3	2.3	4.5	10.4	20
21	2.9	2.2	14.3	29.3	2.5	3.1	2.5	2.3	2.3	2.3	5.2	11.4	21
22	2.8	2.3	43.4 E	20.5	4.6	3.0	2.2	2.3	2.5	4.8	10.8	2.7	22
23	8.3	2.3	21.1	24.9	8.7	3.0	2.3	2.3	2.7	4.1	11.8	23	
24	5.4	2.3	15.9	14.8	9.5	3.0	2.4	2.3	2.5	9.5	14.9	24	
25	4.5 8	2.3	11.0 B	11.3	3.4	8.5	2.9	2.6	2.3	5.3	16.1	25	
26	4.0	2.3	10.5	9.2	3.2	9.8	2.9	2.5	2.4	5.6	16.0	26	
27	3.3	2.3	10.3	7.2	3.1	7.1	3.0	2.6	2.4	15.7	14.1	27	
28	3.0	2.3	9.9	3.7	3.1	5.3	2.9	2.6	2.3	7.6	10.9	28	
29	2.8	2.3	10.5	3.3	3.0	4.6	2.9	2.5	2.3	7.9	8.0	29	
30	2.7		16.5	3.2	3.1	6.6	2.9	2.5	2.4	5.9	8.0	30	
31	2.6		11.5	3.2		2.7	2.5			2.5		27.8	31
TOTAL	106.1	68.7	402.9	493.1		122.2	124.9	83.6	70.6	74.0	132.4	369.4	TOTAL
MEAN	3.42	2.36	12.99	16.43		4.07	4.02	2.69	2.35	2.38	4.41	11.91	MEAN
AC-FT	210.43	136.20	795.15	978.06		242.38	247.73	165.82	140.03	146.77	262.61	732.7	AC-FT
MAX	8.3	2.6	45.4	90.6		9.8	13.6	3.0	2.5	2.7	15.7	27.8	MAX
MIN	2.4	2.2	4.3	3.2		2.4	2.7	2.2	2.3	2.3	2.5	4.0	MIN

## SUMMARY FOR THE YEAR 1972

CFS

AC-FT

LOCATION: AT THE CULVERT ON THE TOWNSLINE ROAD, 1.5 MILES

WEST OF THE COMMUNITY OF SOUTH MIDDLETON.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

MEAN DISCHARGE, 4.0 CFS

TOTAL DISCHARGE, 90.6 CFS

MAXIMUM DAILY DISCHARGE, 45.4 CFS

MINIMUM DAILY DISCHARGE, 2.2 CFS

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 7.2 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

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## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	29.4	3.8	4.6 E	31.9	8.4	3.1	2.3	1.9	1.8	4.2	5.4	01	
02	13.0	12.2	5.9 E	27.5	8.6	3.1	2.2	1.9	1.8	4.0	4.9	02	
03	8.6	24.9	9.0 E	19.6	8.7	3.1	2.2	1.9	1.8	3.4	4.7	03	
04	24.8	13.1	16.6 E	18.9	8.1	3.6	2.2	1.9	1.8	3.0	4.5	04	
05	24.0	8.5	14.4 E	22.4	7.5	4.3	2.8	2.2	1.9	1.8	3.0	5.8	05
06	11.3	6.7	27.9	16.4	6.9	4.5	2.8	2.2	1.9	1.8	2.9	5.7	06
07	7.5	6.0	19.3	15.1	6.6	5.7	2.7	2.1	1.9	1.8	2.8	5.0	07
08	6.2	5.8	18.5	12.9	6.9	4.7	2.7	2.1	1.9	1.7	2.8	4.6	08
09	5.5	5.4	13.7	11.5	9.9	3.9	2.7	2.1	1.9	1.7	2.7	4.5	09
10	5.0	5.1	20.4	12.6	9.2	3.5	2.7	2.2	1.9	1.7	2.7	4.5	10
11	4.7	4.7	29.5	11.8	8.3	3.3	2.7	2.1	1.9	1.7	2.7	4.4	11
12	4.4	4.4	48.2	10.9	7.7	3.3	2.7	2.1	1.8	1.7	2.6	4.2	12
13	4.2	4.1	25.6	9.9	7.6	3.4	2.7	2.1	1.8	1.8	2.6	4.3	13
14	4.2	4.0	23.5	9.3	7.2	3.2	2.7	2.1	1.8	2.1	2.6	4.4	14
15	4.1	4.0	42.6	9.0	7.0	3.1	2.6	2.1	1.8	1.9	3.1	4.0	15
16	4.1	3.8	30.6	8.7	7.2	3.2	2.6	2.1	1.8	1.9	4.6	3.7	16
17	4.1	3.7	28.7	8.6	8.1	3.3	2.6	2.1	1.8	1.9	3.8	3.5	17
18	4.2	3.6	37.2	8.4	8.0	3.3	2.5	2.1	1.9	1.9	3.4	3.5	18
19	4.6	3.6	22.4	8.3	7.3	3.2	2.5	2.1	1.9	1.9	3.3	3.3	19
20	4.8	3.6	18.3	7.9	6.7	3.1	2.5	2.1	1.9	1.9	3.2	3.3	20
21	4.3	3.6	16.8	7.7	6.2	3.0	2.5	2.1	1.8	1.9	3.2	3.3	21
22	4.6	3.6	14.8	7.6	5.9	2.9	2.4	2.0	1.9	1.9	3.8	3.2	22
23	5.8	4.9 E	13.3	7.8	5.6	2.8	2.4	2.0	1.8	1.9	3.6	3.2	23
24	5.5	4.8 E	13.5	7.5	5.5	2.8	2.4	2.0	1.8	1.9	4.2	3.1	24
25	4.9	4.7 E	12.8	7.2	5.3	2.8	2.4	2.0	1.9 E	1.9	6.5	3.2	25
26	4.7	4.6 E	12.1	6.9	5.2	2.9	2.4	2.0	2.1 E	2.0	5.9	11.1	26
27	4.6	4.5 E	10.9	7.0	5.1	3.0	2.3	2.0	1.9	1.9	5.5	28.4	27
28	4.6	4.5 E	9.9	12.7	5.0 E	3.0	2.3	2.0	1.9	2.3	9.6	21.1	28
29	4.5		15.2	11.1	3.2 E	3.1	2.3	2.0	1.8	3.0	10.4	12.6	29
30	4.1		16.7	8.8	3.3	3.1	2.2	1.9	1.8	3.7	6.6	10.3	30
31	3.9		15.3		3.2		2.3	1.9		3.7		9.8	31
TOTAL	230.2	166.2	608.2	365.9	209.4	101.3	79.8	64.7	56.1	62.5	122.7	198.5	TOTAL
MEAN	7.42	5.93	19.61	12.19	6.75	3.37	2.57	2.08	1.87	2.01	4.09	6.4	MEAN
AC-FT	456.6	329.65	1206.36	725.76	415.34	200.92	158.28	128.33	111.27	123.96	243.37	393.72	AC-FT
MAX	29.4	24.9	48.2	31.9	9.9	5.7	3.0	2.3	2.1	3.7	10.4	28.4	MAX
MIN	3.9	3.6	4.6	6.9	3.2	2.8	2.2	1.9	1.8	1.7	2.6	3.1	MIN

SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 6.2 CFS  
TOTAL DISCHARGE, 4490 AC-FTMAXIMUM DAILY DISCHARGE, 48.2 CFS  
MINIMUM DAILY DISCHARGE, 1.7 CFSLOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.5 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 7.2 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

## VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.7	12.6	18.6		4.5	3.9	2.6	2.1	2.0	2.1	2.3	01	
02	5.5	9.6	15.2		4.1	3.7	2.6	2.1	2.0	2.0	2.3	02	
03	5.4	8.4	16.9		3.9	3.5	2.6	2.1	2.0	2.1	2.3	03	
04	5.0	7.5	28.0		3.6	3.3	2.6	2.1	2.0	2.2	2.3	04	
05	4.5	6.6	41.0		3.3	3.3	2.5	2.1	2.0	2.2	2.3	05	
06	4.6	6.0	31.8		3.2	3.3	2.5	2.0		2.1	2.3	06	
07	4.2	6.1	21.9		3.0	3.2	2.5	2.0		2.1	2.2	07	
08	3.8	5.9	17.4		2.8	3.2	2.5	2.0		2.1	2.3	08	
09	3.6	5.7	19.1		2.7	3.2	2.5	2.0		2.1	2.3	09	
10	3.6	5.4	26.7		2.5	3.2	2.4	2.0		2.1	2.3	10	
11	3.5	5.3	17.7		2.6	3.1	2.4	2.0		2.1	2.3	11	
12	3.4	5.2	14.2		2.6	3.1	2.2	2.0		2.1	2.3	12	
13	3.2	5.2	11.5		2.6	3.1	2.2	2.0		2.1	2.3	13	
14	3.1	4.9	9.9		2.6	2.3	2.1	2.0		2.1	2.3	14	
15	3.1	4.6	9.3		2.8		2.3	2.0		2.1	2.2	15	
16	3.1	4.5	9.6	15.4	2.9		2.3	2.0		2.1	3.1	16	
17	3.2	4.6	10.3	32.0	2.9		2.2	2.0		2.1	3.5	17	
18	3.0	4.3	9.4	21.3	2.9		1.7	2.0		2.1	3.4	18	
19	3.0	4.5	9.2	13.6	3.1		2.0	2.0		2.1	3.1	19	
20	3.0	5.0	9.8	10.7	3.2		2.2	2.0		2.1	2.9	20	
21	11.0	5.5	9.8	9.5	3.7		2.2	2.0		2.1	2.7	21	
22	25.0	20.1	9.6	8.3	4.1		2.2	2.0		2.1	2.6	22	
23	24.0	29.7	9.0	7.6	3.7		2.2	2.0		2.1	2.6	23	
24	25.8	14.5	8.7	6.8	3.4	2.8	2.1	2.0		2.1	3.0	24	
25	17.7	10.5	7.9	6.3	3.3	2.8	2.1	2.0		2.1	3.0	25	
26	12.8	8.4	7.9	5.9	3.3	2.8	2.1	2.0		2.1	2.7	26	
27	15.6	7.6	7.6	5.5	3.3	2.7	2.1	2.0		2.1	2.4	28	
28	18.1	8.2	8.0	5.1	3.3	2.8	2.1	2.0		2.1	2.3	29	
29	16.4		8.1	6.0	3.3	2.8	2.1	2.0		2.1	2.2	30	
30	16.1		9.3	5.9	3.4	2.7	2.1	2.1		2.1	2.3	31	
31	16.9		15.5	5.1		2.6	2.1					TOTAL	
TOTAL	277.7	226.4	448.9		96.6		70.5	60.9		65.4	81.5		
MEAN	8.95	8.08	14.48		3.22		2.27	2.03		2.18	2.62	MEAN	
AC-FT	550.81	449.06	890.39		191.6		139.83	120.79		129.72	161.05	AC-FT	
MAX	25.8	29.7	41.0		4.5		2.6	2.1		2.3	3.6	MAX	
MIN	3.0	4.3	7.6		2.5		1.7	2.0		2.0	2.2	MIN	

SUMMARY FOR THE YEAR 1974

CFS

AC-FT

MEAN DISCHARGE,  
TOTAL DISCHARGE,  
MAXIMUM DAILY DISCHARGE,AC-FT  
41.0 CFS  
1.7 CFSLOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.5 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 7.2 SQUARE MILES.

NATURAL FLOW

REMARKS: NATURAL STREAMBED CONTROL.

VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202  
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.9	5.4	8.3	11.4	4.8	3.0	2.8			2.3	2.1	13.3	01
02	1.7	4.6	7.3	10.5	4.6	3.2	2.8			2.4	2.1	8.5	02
03	1.6	4.0	6.6	10.9	4.4	3.2	2.8			2.6	2.5	6.7	03
04	1.5	3.5	5.9	12.5	4.3	3.1	2.8			2.5	4.0	6.1	04
05	1.5	3.4	5.4	11.8	4.4	3.7	2.8			2.3	5.2	6.1	05
06	1.5	3.3	5.4	10.6	4.5	4.4	2.8			2.2	4.5	16.1	06
07	1.4	3.2	5.7	10.8	5.3	6.4	2.8			2.2	3.8	14.0	07
08	1.7	3.0	8.7	13.2	5.5	5.1	2.8			2.1	4.4	8.3	08
09	5.9	2.9	7.7	12.7	5.0	4.3	2.8			2.1	5.4	7.3	09
10	8.7	2.8	6.6	11.1	4.5	3.7	2.7			2.1	6.3	10.3	10
11	8.0	2.8	5.4	9.9	4.1	3.4	2.7			2.1	12.9	9.2	11
12	6.6	2.7	5.4	8.8	3.8	6.1	2.7			2.1	12.0	8.2	12
13	4.4	2.6	12.6	7.9	3.7	6.9	2.6			2.1	9.5	7.5	13
14	4.5	2.6	13.4	7.2	3.6	7.6	2.7			2.0	7.5	11.6	14
15	3.9	2.5	8.7	6.9	3.5	6.1	2.7			2.0	6.1	24.7	15
16	3.7	2.6	7.3	6.8	3.4	5.3	2.7			2.0	5.3	21.5	16
17	3.4	2.7	7.2	6.5	3.3	4.9	2.6			2.0	4.8	13.8	17
18	3.5	4.6	13.8	6.2	3.2	4.5	2.6			2.3	4.2	10.7	18
19	3.4	4.4	20.2	7.5	3.1	4.1	2.6	4.3		3.0	4.3	8.4	19
20	3.2	3.8	28.9	8.7	3.0	3.8	2.6	4.3		3.6	4.3	8.0	20
21	3.1	3.6	22.9	7.7	3.0	3.6	2.6	4.4		5.2	4.4	7.1	21
22	3.0	7.5	18.3	6.8	2.9	3.4	2.6	4.5		5.0	4.4	6.8	22
23	3.0	25.5	26.4	6.1	2.9	3.3	2.5	4.5		3.7	4.1	6.7	23
24	2.9	35.9	22.8	6.8	2.8	3.2	2.5			4.4	3.0	3.9	24
25	3.3	33.5	26.3	8.4	2.7	3.2				3.5	2.7	3.9	6.1
31	7.0		13.5		2.6					2.1		24.9	31
TOTAL	139.6	210.1	395.6	258.8	111.7	128.7				79.5	176.8	311.9	TOTAL
MEAN	4.5	7.5	12.76	8.62	3.6	4.29				2.56	5.89	10.06	MEAN
AC-FT	276.89	416.73	784.07	513.32	221.55	255.27				157.68	350.68	618.65	AC-FT
MAX	13.3	35.9	28.9	13.2	5.5	8.9				5.2	12.9	24.9	MAX
MIN	1.4	2.5	5.4	5.1	2.5	2.9				2.0	2.1	5.9	MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 35.9 CFS  
MINIMUM DAILY DISCHARGE, 1.4 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.5 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 7.2 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## VENISON CREEK NEAR SOUTH MIDDLETON - STATION NO. 02GC202

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	20.5	10.2	20.3	29.8	8.9	4.8	3.5						01
02	13.7	8.1	22.5	22.1	8.4	4.8	3.4						02
03	13.9	8.1	30.3	17.2	10.1	4.8	3.6						03
04	11.3	7.3	44.9	14.9	8.9	4.8	3.5						04
05	8.0	6.7	57.3	13.1	7.6	4.5	3.3						05
06	6.8	6.4	54.8	12.1	8.3	4.4	3.2						06
07	6.7	5.9	43.1	11.1	39.5	4.2	3.2						07
08	6.2	4.7	35.1	10.4	25.7	4.0	3.2						08
09	5.7	5.3	29.2	9.8	16.8	3.9	3.1						09
10	5.3	5.9	27.9	9.4	13.0	3.8	3.2						10
11	5.2	10.5	28.6	9.0	11.7	3.7	3.2						11
12	5.1	13.0	26.1	8.3	11.2	3.7	3.2						12
13	5.2	17.0	40.6	8.1		3.6	3.1						13
14	5.4	22.1	30.1	7.7		3.7	3.2						14
15	4.9	21.4	26.1	7.8		3.6	3.3						15
16	5.4	39.8	23.0	7.7		3.8	3.2						16
17	4.8	43.2	20.2	7.0		3.9	3.1						17
18	4.5	42.0	17.8	6.4		3.8	3.1						18
19	4.4	46.7	23.4	6.1		4.1	3.1						19
20	4.4	40.8	26.0	5.8		4.2	3.0						20
21	4.7	37.3	28.6	5.8		4.1	3.3						21
22	4.6	45.6	22.0	7.4		4.0	3.0						22
23	4.4	36.6	18.3	10.0		3.8	3.0						23
24	4.4	27.0	16.9	9.0		3.5	3.2						24
25	4.7	28.3		31.4		3.4	3.0						25
26	9.1	30.5		33.1		3.3	2.9						26
27	18.7	26.8		20.0		3.3	3.0						27
28	17.1	23.5		14.7		3.3	2.9						28
29	15.4	20.5		11.9		3.3	3.4						29
30	12.9		15.8	10.1		3.5	3.1						30
31	11.0		17.8			3.4							31
TOTAL	253.7	641.2		377.2		117.6	98.9						TOTAL
MEAN	8.18	22.11		12.57		3.92	3.19						MEAN
AC-FT	503.21	1271.82		748.17		233.25	196.16						AC-FT
MAX	20.5	46.7		33.1		4.8	3.6						MAX
MIN	4.4	4.7		5.8		3.3	2.9						MIN

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 57.3 CFS  
MINIMUM DAILY DISCHARGE, 2.9 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.5 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 7.2 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.  
STATION DISCONTINUED JULY 1976.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						2.5	6.0	2.1	1.2	1.6	2.0	6.3	01
02						2.5	5.3	1.7	2.1	1.5	2.6	6.6	02
03						2.4	4.9	1.7	1.6	2.4	2.4	6.2	03
04						2.2	4.7	1.8	1.4	2.0	2.4	7.9	04
05						2.2	5.3	1.8	2.7	1.9	2.3	9.8	05
06						2.1	8.1	4.1	8.5	1.8	2.3	7.7	06
07						2.0	6.4	3.4	6.9	2.2	2.4	6.3	07
08						2.0	5.5	3.1	5.4	1.9	2.4	5.7	08
09						1.9	4.9	3.0	4.8	1.8	2.4	5.0	09
10						1.9	4.5	2.8	4.8	1.8	2.4	4.5	10
11						1.8	4.2	2.7	4.8	1.7	2.3	4.3	11
12						1.9	4.0	2.2	4.3	1.7	2.3	4.3	12
13						1.7	3.8	2.1	5.5 E	1.6	2.1	5.2	13
14						1.7	3.7	1.9	5.2 E	1.5	2.1	4.9	14
15						1.7	3.6	1.7	3.4	1.4	2.4	4.1	15
16						1.7	3.5	1.9	3.2	1.3	2.7	3.8	16
17						1.6	3.5	2.0	3.0	1.3	2.7	3.6	17
18						1.6	3.2	1.7	2.8	1.4	3.0	3.4	18
19						1.6	1.9	1.8	2.7	2.2	3.3	3.5	19
20						1.6	1.1	2.1	2.6	2.0	3.5	3.6	20
21						1.5	0.91	2.4	2.4	1.9	3.3	3.2	21
22						1.6	0.96	1.2	2.5	1.8	3.6	3.4	22
23						1.5	0.76	1.3	2.6	1.7	3.5	5.7	23
24						1.4	0.72	2.1	2.3	1.6	3.6	4.0	24
25						2.3	0.72	2.6	2.1	1.6	3.3	3.4	25
26						17.4	0.72	2.0	1.9	1.5	3.1	3.4	26
27						9.1	0.71	1.7	1.8	1.4	3.0	3.6	27
28						2.6	7.1	0.72	1.5	1.9	5.5	6.2	28
29						2.5	7.3	0.78	1.4	1.7	3.0	7.2	29
30						2.5	7.1	1.3	1.3	1.7	2.7	5.1 B	30
31						2.5		1.6	1.2		2.6	4.6 B	31
TOTAL						94.9	98.0	64.3	97.8	57.5	97.5	156.5	TOTAL
MEAN						3.16	3.16	2.07	3.26	1.85	3.25	5.04	MEAN
AC-FT						188.23	194.38	127.53	193.98	114.05	193.39	310.41	AC-FT
MAX						17.4	8.1	4.1	8.5	3.0	10.7	9.8	MAX
MIN						1.4	0.71	1.2	1.2	1.3	2.1	3.2	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 17.4 CFS  
MINIMUM DAILY DISCHARGE, 0.71 CFS

LOCATION: AT THE CULVERT ON THE TOWNSHIP ROAD, 1.2 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 2.3 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## VENISON CREEK TRIBUTARY NEAR SOUTH MIDDLETON - STATION NO. 02GC203

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.7 8	15.6	3.6	4.9	6.4 E	4.8	2.9	1.9	1.1	0.93	1.1	4.3	01
02	5.6 8	12.4	3.5	6.1	6.0	7.9	2.8	1.9	1.1	1.1	2.5 E	1.7	02
03	5.4 8	11.8 B	3.4	6.4	5.9	6.4	2.8	1.9	1.1	1.1	1.9	0.9	03
04	5.2 B	10.6 B	3.4	6.2	5.4	5.5	2.8	1.6	1.1	1.0	1.2	1.6	04
05	3.5 B	8.9	3.3	13.1	5.2	5.2	3.3	1.3	1.1	0.97	1.2	1.4	05
06	3.3 B	7.9	3.4	9.3	5.1	5.3	3.1	1.3	1.2	0.98	1.1	1.3	06
07	3.0 B	7.1	3.3	7.8	5.1	5.4	2.8	1.3	1.2	1.0	1.0	1.8	07
08	3.2	6.6	3.2	6.9	5.7	4.9	2.6	1.3	1.2	1.0	0.89	3.8	08
09	3.2 B	6.2	3.1	6.5	6.2	4.8	2.5	1.1	1.2	0.97	0.79	3.7	09
10	2.9 B	5.8	3.1	7.6	6.4	4.5	2.5	0.88	1.1	0.93	0.76	3.1	10
11	3.0	5.7	2.9	8.5	8.2	4.2	2.5	0.97	1.1	0.9	0.7	3.9	11
12	3.0	5.5	2.9	6.0	7.6	4.1	2.5	1.0	1.1	0.97	0.73	4.0	12
13	3.0	5.6 B	2.9	5.2	6.4	3.9	2.3	1.0	1.1	0.99	0.78	3.4	13
14	3.0	5.2 B	2.9	5.6	5.7	3.7	2.2	0.89	1.0	1.3	0.88	3.2	14
15	3.0	5.1 B	2.8	5.5	5.6	3.8	2.1	0.83	1.0	1.2	1.0	3.0	15
16	2.8	5.1 B	2.8	6.1	5.2	4.8 E	2.0	0.72	1.0	1.2	1.0	2.8	16
17	3.1	4.9 B	2.8	6.3	4.9	4.0	2.0	0.56	1.2	1.2	1.4	2.7	17
18	16.3	4.2	2.8	15.5	7.5	3.8	1.9	0.77	1.1	1.1	1.4	2.7	18
19	12.2	4.0	2.9	19.7	20.1	3.7	1.9	0.91	1.0	1.1	1.9	2.7	19
20	8.6	3.9	3.0	15.2	3.7	1.8	0.92	0.98	1.3	1.3	3.0	2.6	20
21	9.7	3.9	3.4	12.0	9.2	3.5	1.7	0.9	0.95	1.3	3.0	4.6	21
22	8.6	3.9	3.4	12.4	8.0	3.4	1.4	0.8	0.97	1.4	2.7	2.0	22
23	12.1	4.0	3.2	10.7	8.4	3.4	1.1	0.77	1.4	1.4	2.7	2.4	23
24	19.1	4.0	3.4	9.9	6.7	3.8	1.0	0.86	1.1	1.3	2.6	2.3	24
25	11.1 B	3.9	5.2	8.4	6.1	3.4	0.9	0.93	1.1	1.2	2.5	2.2	25
26	9.7 B	3.8	7.0	5.7	2.8	0.82	0.99	1.0	1.2	1.2	2.3	2.2	27
27	7.5	3.7	6.4	5.4	3.0	0.91	1.0	0.99	1.2	2.3	2.2	28	27
28	6.7	3.6	5.9	6.9	5.2	3.8	1.4	1.1	0.97	1.2	2.2	2.1	29
29	9.2	5.8	6.8	5.1	3.5	1.9	1.1	0.95	1.1	1.1	2.3	2.2	30
30	48.2	5.5	6.3	4.9	3.1	1.9	1.1	0.93	1.1	2.3	2.2	31	31
31	27.0		5.1		4.6		1.9	1.1		1.0		2.2	31
TOTAL	267.9	172.9	116.3	256.3	210.1	128.1	64.23	33.7	31.91	34.74	50.33	78.8	TOTAL
MEAN	8.64	6.17	3.75	8.54	6.77	4.27	2.07	1.08	1.08	1.14	1.67	2.54	MEAN
AC-FT	531.37	342.94	230.68	508.37	416.73	254.08	127.4	66.84	63.29	68.9	99.82	156.29	AC-FT
MAX	48.2	15.6	7.0	19.7	20.1	7.9	3.3	1.9	1.2	1.4	3.0	4.0	MAX
MIN	2.8	3.6	2.8	4.9	4.6	2.8	0.82	0.56	0.93	0.9	0.7	1.3	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 4.0 CFS  
TOTAL DISCHARGE, 2870 AC-FT  
MAXIMUM DAILY DISCHARGE, 48.2 CFS  
MINIMUM DAILY DISCHARGE, 0.56 CFS

LOCATION: AT THE CULVERT ON THE TOWNSHIP ROAD, 1.2 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 2.3 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	2.1	2.7	2.1	4.4	4.9	2.3	1.0	1.0	0.88	0.93	4.4	01		
02	2.1	3.2	2.1	8.4	4.3	2.3	0.88	0.83	1.0	0.9	0.92	4.1	02	
03	2.1	3.9	2.1	7.9	3.8	2.2	0.98	0.81	1.1	0.9	1.5	4.5	03	
04	2.1	3.4	2.9	6.6	3.0	2.2	1.1	0.78	1.0	0.88	2.4	10.0	04	
05	2.1	3.1	5.4	6.1	3.5	2.1	1.1	0.76	1.0	0.86	1.4	6.8	05	
06	2.0	3.0	4.9	6.4	3.4	2.0	1.1	0.73	1.0	0.86	1.2	5.6	06	
07	1.9	3.0	4.5	6.1	3.2	1.9	1.1	0.71	1.0	0.87	1.2	4.6	07	
08	1.9	3.0	4.2	5.8	3.2	1.9	1.2	0.69	1.0	0.85	1.2	7.2	08	
09	1.9	2.9	3.9	5.6	3.1	1.8	1.2	0.65	1.0	0.84	1.3	5.2	09	
10	1.8	2.9	3.7	5.3	3.1	1.6	1.3	0.67	1.0	0.84	1.8	4.6	10	
11	1.8	3.0	3.5	5.0	3.0	1.6	1.3	0.71	1.0	0.84	2.0	4.8	11	
12	1.8	2.8	3.4	4.8	2.8	1.5	1.3	0.74	1.0	0.86	2.2	4.8	12	
13	1.8	2.7	3.3	4.6	5.0	1.5	1.2	0.74	1.0	0.87	2.1	4.4	13	
14	1.8	2.4	3.2	4.9	3.4	1.5	1.2	0.78	1.0	0.88	2.0	4.2	14	
15	1.7	2.4	3.2	3.7	3.1	1.6	1.4	0.78	1.0	0.87	2.0	4.0	15	
16	1.6	2.3	3.0	6.9	3.2	1.9	1.3	0.79	0.97	0.86	2.0	4.1	16	
17	1.6	2.3	2.9	4.9	3.2	1.8	1.3	0.77	0.97	0.84	2.0	4.5	17	
18	1.7	2.3	2.9	3.8	3.1	1.6	1.2	0.74	0.97	0.83	2.0	4.4	18	
19	1.6	2.4	2.9	3.0	2.9	1.5	1.2	0.77	0.96	0.82	2.0	5.7	19	
20	1.6	2.3	3.4	3.2	2.7	1.4	1.3	0.78	0.95	0.83	2.3	7.5	20	
21	1.6	2.1	4.4	3.1	2.9	1.3	1.3	0.81	0.95	0.87	3.0	6.0	21	
22	1.5	2.2	4.7	3.9	2.9	1.3	1.2	0.86	0.95	0.89	2.9	5.0	22	
23	1.4	2.3	4.5	3.7	2.6	1.4	1.1	0.9	0.96	0.9	2.6	4.8	23	
24	1.4	2.4	4.8	3.2	2.7	1.3	1.1	0.9	0.97	0.89	2.4	4.5	24	
25	1.4	2.6	5.4	3.7	2.7	1.3	1.1	0.93	0.95	0.9	2.4	4.1	25	
26	1.5	2.4	4.9	3.9	2.7	1.4	1.1	0.96	0.96	0.89	2.4	4.0	26	
27	1.6	2.4	5.1	3.6	2.7	1.4	1.2	0.97	0.95	0.88	3.0	4.0	27	
28	1.6	2.2	5.0	3.3	2.5	1.4	1.2	1.0	0.95	0.88	5.0	3.7	28	
29	2.1		4.8	4.7	2.3	1.3	1.2	1.0	0.93	0.88	5.6	3.6	29	
30	2.7		4.6	4.8	2.3	1.3	1.1	1.0	0.91	0.92	5.0	3.4	30	
31	2.7		4.5		2.3		1.1		1.0		0.93		3.3	31
TOTAL	56.5	74.6	120.2	145.3	97.1	49.6	36.36	25.56	29.4	27.01	68.75	151.8	TOTAL	
MEAN	1.82	2.66	3.87	4.84	3.13	1.65	1.17	0.82	0.98	0.87	2.29	4.89	MEAN	
AC-FT	112.06	147.96	238.41	288.2	192.59	98.38	72.12	50.69	58.31	53.57	136.36	301.09	AC-FT	
MAX	2.7	3.9	5.4	8.4	5.0	2.3	1.4	1.0	1.1	0.93	5.6	10.0	MAX	
MIN	1.4	2.1	2.1	3.0	2.3	1.3	0.88	0.65	0.91	0.82	0.92	3.3	MIN	

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 2.4 CFS

TOTAL DISCHARGE, 1750 AC-FT

MAXIMUM DAILY DISCHARGE, 10.0 CFS

MINIMUM DAILY DISCHARGE, 0.65 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.2 MILES

WEST OF THE COMMUNITY OF SOUTH MIDDLETON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.3 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## VENISON CREEK TRIBUTARY NEAR SOUTH MIDDLETON - STATION NO. 02GC203

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.3	1.6	10.4	6.5	3.3	1.1	0.99	0.78	1.1	1.0	0.54	0.66	01
02	3.3	1.5	9.7	10.0	3.3	1.8	1.0	0.82	1.1	0.99	0.56	0.63	02
03	3.3	1.5	8.5	9.2	4.4	2.0	1.0	0.86	1.1	1.0	0.55	0.64	03
04	3.9	1.5	7.0	7.7	3.3	1.8	1.0	0.81	1.1	1.0	0.54	0.64	04
05	5.3	2.1	6.4	6.7	3.1	1.4	1.1	0.79	1.0	0.87	0.53	0.65	05
06	4.4	2.0	6.1	5.9	2.7	1.6	1.1	0.73	1.0	0.78	0.55	0.99	06
07	3.7	1.9	10.5	5.8	2.8	1.8	1.1	0.72	1.1	0.84	0.53	0.89	07
08	3.4	1.9	8.1	5.9	2.3	1.9	1.1	0.7	1.1	0.86	0.53	0.74	08
09	3.3	1.9	6.7	5.8	2.4	1.7	0.92	0.63	1.0	0.9	0.54	0.77	09
10	3.3	1.8	6.1	5.5	2.5	1.6	0.82	0.6	1.0	0.92	0.55	0.91	10
11	3.2	1.8	5.8	5.2	2.5	1.5	0.82	0.65	1.0	0.95	0.53	0.82	11
12	3.2	1.9	5.4	7.5	2.5	1.5	0.85	0.72	1.1	0.93	0.55	0.69	12
13	3.0	2.0	5.3	4.3	2.5	1.5	0.77	0.81	1.1	0.94	0.63	0.66	13
14	3.0	1.9	8.9	5.6	2.4	1.5	0.78	0.9	1.1	0.97	0.64	0.65	14
15	2.9	1.8	14.4	6.0	2.4	1.4	0.76	1.0	1.1	0.66	1.0	1.0	15
16	2.8	1.8	11.9	5.5	2.4	1.4	0.74	1.0	1.1	1.3	0.67	0.87	16
17	2.7	1.9	8.7	5.0	2.3	1.4	0.71	1.1	1.1	1.1	0.66	0.72	17
18	2.6	1.8	7.7	4.6	2.2	1.3	0.71	1.1	1.0	6.1	0.67	0.68	18
19	2.4	1.8	7.8	4.3	2.2	1.3	0.72	0.97	1.0	2.3	0.8	0.74	19
20	2.3	2.1	7.5	4.4	2.1	1.3	0.69	0.9	1.1	0.91	0.86	0.86	20
21	2.4	2.6	6.7	4.3	2.0	1.2	0.67	0.85	1.1	0.84	0.77	0.75	21
22	2.3	2.9	6.8	4.2	1.9	1.2	0.68	0.85	1.0	0.81	0.67	0.68	22
23	2.4	4.0	7.0	3.9	1.9	1.2	0.65	0.93	1.0	0.8	0.65	0.66	23
24	2.3	4.4	6.3	3.8	1.9	1.2	0.65	0.96	0.98	0.75	0.66	0.72	24
25	2.3	4.2	5.9	3.8	2.6	1.2	0.69	1.0	0.97	0.74	0.7	0.69	25
26	2.5	5.6	5.8	3.7	2.9	1.2	0.89	1.1	0.97	0.68	0.72	0.79	26
27	2.2	19.2	5.8	3.6	2.6	1.2	0.94	1.2	0.98	0.67	0.91	0.73	27
28	1.7	15.3	6.2	3.5	2.3	1.2	0.86	1.2	0.98	0.65	0.79	0.75	28
29	1.7	6.5	3.5	3.9	1.0	0.81	1.2	1.0	0.65	0.79	0.66	0.66	29
30	1.9	6.3	3.5	2.5	0.95	0.82	1.1	1.0	0.63	0.79	1.0	3.0	30
31	1.7		6.0		1.5		0.8	1.1		0.55		0.82	31
TOTAL	88.7	94.7	232.2	160.0	79.6	42.35	26.14	28.08	31.26	35.63	19.54	23.46	TOTAL
MEAN	2.86	3.38	7.49	5.33	2.56	1.41	0.84	0.9	1.04	1.14	0.65	0.75	MEAN
AC-FT	175.93	187.83	460.56	317.36	157.88	84.0	51.84	55.69	62.04	70.67	38.75	46.53	AC-FT
MAX	5.3	19.2	14.4	10.8	4.4	2.0	1.1	1.2	1.1	6.1	0.91	1.0	MAX
MIN	1.7	1.5	5.3	3.5	1.5	0.95	0.65	0.6	0.97	0.55	0.53	0.63	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 2.4 CFS

TOTAL DISCHARGE, 1710 AC-FT

MAXIMUM DAILY DISCHARGE, 19.2 CFS

MINIMUM DAILY DISCHARGE, 0.53 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.2 MILES

WEST OF THE COMMUNITY OF SOUTH MIDDLETON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.3 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.63	0.93	4.9 E	7.1		3.3	4.4	0.79	1.2	1.2	0.99	2.1	01
02	0.67	0.94	19.3 E	6.6		3.2	3.9	1.5	1.2	1.2	1.3	2.0	02
03	0.62	1.1	6.4			3.0	4.9	1.5	1.2	1.1	1.1	2.0	03
04	0.63	1.1	4.5			2.9	5.2	1.4	1.2	1.1	1.0	1.9	04
05	0.65	0.96	3.4			2.7	4.5	1.4	1.2	1.1	1.0	1.9	05
06	0.61	1.0	2.6			2.6	4.1	1.4	1.2	1.3	0.99	3.7	06
07	0.64	0.91	5.4 E			2.6	3.7	1.7	1.2	1.2	1.1	3.5	07
08	0.63	0.87	6.5 E			2.5	3.4	1.6	1.6	1.1	1.2	3.1	08
09	0.85	0.89	4.1			2.4	3.2	2.2	1.3	1.1	1.0	2.9	09
10	1.1	0.89	3.1			2.2	3.2	1.9	1.3	1.1	1.0	2.9	10
11	0.99	0.89	2.7			2.2	3.0	1.8	1.3	1.1	1.1	2.6	11
12	0.83	0.91	8.3 E			2.1	2.8	1.7	1.3	1.1	1.0	2.7	12
13	0.94	1.0	9.0 E			2.2	2.6	1.6	1.4	1.1	1.1	6.4	13
14	0.91	0.99	6.9 E			2.2	2.7	1.6	1.3	1.1	1.3	5.0	14
15	0.78	1.0	6.0 E			2.0	3.0	1.5	1.3	1.0	1.3	4.5 b	15
16	0.72	1.0	10.1 E			2.0	3.4	1.4	1.3	1.1	1.3	3.9 8	16
17	0.76	0.98	7.6 E			1.9	3.1	1.1	1.3	1.1	1.3	3.4	17
18	0.79	1.0	10.2 E			1.8	2.8	1.2	1.3	1.0	1.3	3.3	18
19	0.95	0.97	8.0 E			1.5	2.6	1.0	1.2	1.0	1.3	3.5	19
20	0.87	0.96	7.8 E			1.1	2.4	1.0	1.2	1.0	1.5	3.9	20
21	0.82	0.98	8.1 E			2.2	2.3	0.77	1.2	1.1	1.5	3.9	21
22	1.5	0.96	15.2 E			4.3	2.1	0.56	1.2	1.2	1.4	3.9	22
23	1.7	0.94	10.6			5.8	2.1	0.85	1.2	1.4	4.0	23	
24	0.578	0.95	8.1			5.7	1.5	0.87	1.3	1.1	1.3	4.3	24
25	0.578	0.95	7.1		3.1	5.7	1.4	0.97	1.3	1.0	1.3	4.5	25
26	0.578	0.96	6.7		3.1	5.4	1.7	1.0	1.5	1.0	1.4	4.7	26
27	0.94	0.96	6.6		3.1	4.7	1.6	1.2	1.3	1.0	3.0	4.6	27
28	0.96	1.0	6.5		2.9	4.1	1.6	1.3	1.2	1.0	2.1	4.3	28
29	0.92	0.96	6.7		2.8	4.4	1.5	1.2	1.1	1.1	3.9	3.8	29
30	0.92		7.7		3.0	4.7	1.4	1.2	1.4	1.0	2.2	4.0	30
31	0.91		7.0		3.2		0.98	1.2				5.8	31
TOTAL	25.95	27.95	227.1			93.4	87.08	40.41	38.3	33.98	42.68	113.0	TOTAL
MEAN	0.83	0.96	7.32			3.11	2.8	1.3	1.27	1.09	1.42	3.64	MEAN
AC-FT	51.47	55.43	450.45			185.25	172.72	80.15	75.96	67.39	84.65	224.13	AC-FT
MAX	1.7	1.1	19.3			5.8	5.2	2.2	1.6	1.4	3.9	6.4	MAX
MIN	0.57	0.87	2.6			1.1	0.98	0.56	1.2	0.98	0.99	1.9	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, CFS  
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON THE TOWNSLINE ROAD, 1.2 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 2.3 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## VENISON CREEK TRIBUTARY NEAR SOUTH MIDDLETON - STATION NO. 02GC203

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.9	2.9	2.4	16.5	5.7	3.2	2.3	1.5	1.1	1.0	1.4	2.3	01
02	4.9	6.1	3.4	14.4	5.6	3.4	2.2	1.5	1.1	1.1	1.0	2.2	02
03	4.5	5.7	4.6	11.1	5.4	3.4	2.1	1.4	1.1	1.1	1.0	2.2	03
04	7.1	4.6	7.3	10.7	5.0	3.7	2.0	1.4	0.93	1.1	0.95	2.3	04
05	6.0	4.2	7.0	11.9	4.8	3.5	2.0	1.4	0.76	1.1	0.93	2.5	05
06	4.9	4.0	9.4	10.3	4.5	3.7	1.9	1.4	0.69	1.0	0.92	2.5	06
07	4.1	4.0	7.4	9.2	4.3	3.7	1.8	0.87	0.51	1.0	0.89	2.2	07
08	3.7	4.0	7.2	8.2	4.6	3.3	1.7	0.57	0.97	0.98	0.9	2.1	08
09	3.6	3.7	6.6	6.9	5.2	3.0	1.4	0.44	1.1	0.98	0.88	2.1	09
10	3.3	3.5	8.2	7.5	5.0	2.8	0.73	0.78	1.1	0.96	0.9	2.3	10
11	3.1	3.3	15.3	7.7	4.7	2.7	0.96	0.81	1.1	0.98	0.89	2.1	11
12	2.9	3.2	15.9	9.6	4.5	2.8	1.5	0.78	1.1	0.98	0.9	2.0	12
13	2.7	3.1	10.9	7.0	4.2	2.6	1.6	1.1	1.1	1.2	0.91	2.3	13
14	2.9	3.1	15.3	7.4	4.0	2.4	1.6	1.2	1.1	1.2	0.9	2.6	14
15	2.9	3.2	19.7	4.4	4.0	2.3	1.5	1.2	1.1	0.98	1.4	2.1	15
16	2.9	2.9	13.3	6.0	4.0	2.7	1.1	1.2	1.1	0.96	1.1	1.9	16
17	3.0	2.6	17.2	6.2	4.0	2.9	0.51	1.2	1.1	0.98	0.89	1.8	17
18	3.3	2.5	17.4	5.9	3.9	2.8	0.42	1.4	1.4	1.0	0.9	1.6	18
19	3.4	2.7	12.0	5.8	3.7	2.6	0.42	1.4	1.1	0.99	0.9	1.5	19
20	3.1	2.8	10.9	5.4	3.4	2.5	0.44	1.4	1.1	0.98	0.85	1.9 B	20
21	2.8	2.9	10.2	5.4	3.3	2.4	0.87	1.4	1.1	0.98	0.99	1.6	21
22	3.4	2.8	9.4	5.4	3.2	2.3	1.2	1.2	1.2	0.98	0.93	2.2	22
23	3.6	2.7	8.9	5.5	3.2	2.2	1.3	1.2	1.2	0.96	0.87	1.6	23
24	3.3	2.6	9.0	5.1	3.2	2.2	1.4	1.2	1.1	0.96	1.1	1.6	24
25	3.1	2.5	8.7	4.8	3.1	2.2	1.2	1.2	1.1	0.95	1.1	1.9	25
26	3.0	2.4	8.3	3.1	2.1	1.1	1.2	1.1	0.95	1.0	5.0	26	
27	3.0	2.3	7.5	4.6	3.0	2.1	1.3	1.2	1.1	1.2	2.8	2.8	
28	3.1	2.3	7.1	6.3	3.8	2.7	1.3	1.2	1.1	2.0	3.7	6.5 B	29
29	3.1	2.3	8.6	6.3	3.8	2.9	1.3	1.1	1.1	1.6	2.9	5.9 B	30
30	3.0		9.0	6.1	3.5	2.6	1.1	1.1	1.0	1.6	4.9	31	
31	2.9		8.5		3.4		1.2	1.1		1.2		4.9	31
TOTAL	112.5	92.6	307.2	226.2	127.1	83.7	41.45	36.05	31.76	33.29	36.0	90.6	TOTAL
MEAN	3.62	3.3	9.9	7.54	4.1	2.79	1.33	1.16	1.05	1.07	1.2	2.92	MEAN
AC-FT	223.14	183.67	609.33	448.66	252.1	166.01	82.21	71.5	62.99	66.03	71.4	179.7	AC-FT
MAX	7.1	6.1	19.7	16.5	5.7	3.7	2.3	1.5	1.4	2.0	3.7	9.3	MAX
MIN	2.7	2.3	2.4	4.4	3.0	2.1	0.42	0.44	0.51	0.94	0.85	1.5	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 3.3 CFS  
TOTAL DISCHARGE, 2420 AC-FT  
MAXIMUM DAILY DISCHARGE, 19.7 CFS  
MINIMUM DAILY DISCHARGE, 0.42 CFS

LOCATION: AT THE CULVERT ON THE TOWNSLINE ROAD, 1.2 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 2.3 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## VENISON CREEK TRIBUTARY NEAR SOUTH MIDDLETON - STATION NO. 02GC203

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.6	7.7	8.8	6.1	3.9	4.0	2.8						01
02	4.1	6.6	7.3	7.2	3.7	3.8	2.6						02
03	4.1	5.9	8.5	6.5	3.9	3.8	2.4						03
04	3.9	5.4	12.5	9.2	3.8	3.7	2.3						04
05	3.6	4.9	20.0	7.8	3.7	3.5	2.2						05
06	3.6	4.7	15.7	6.8	4.0	3.5	2.1						06
07	3.5	4.7	11.9	6.9	3.7	3.4	2.0						07
08	3.2	4.5	9.8	7.6	3.8	3.3	2.0						08
09	3.2	4.3	12.3	6.6	7.9	3.2	1.9						09
10	3.2	4.2	14.0	6.1	7.6	3.1	2.2						10
11	3.2	4.2	9.8	5.6	6.2	3.0	1.2						11
12	3.1	4.1	8.6	5.6	13.9	2.8	1.8						12
13	2.8	4.0	7.5	6.0	13.6	2.2	1.8						13
14	2.9	3.8	6.8	5.9	9.4	2.5							14
15	3.0	3.6	6.5	6.0	8.8	3.1							15
16	3.1	3.7	6.9	5.3	8.4	3.5							16
17	3.0	3.6	6.8	4.9	14.0	3.2							17
18	2.8	3.5	6.2	4.9	11.2	3.1							18
19	2.9	3.8	6.3	4.7	8.7	3.4							19
20	3.0	3.7	6.1	4.5	8.6	3.6							20
21	6.9	3.6	6.2	4.4	6.7	3.5							21
22	8.2	14.8	5.9	4.7	6.0	3.4							22
23	12.4	11.3	5.7	5.1	5.6	3.0							23
24	9.5	7.0	5.6	4.7	5.1	2.9							24
25	7.3	6.0	5.1	4.4	4.8	2.8							25
26	6.6	5.2	5.2	4.3	4.7	2.7							26
27	16.3	4.8	5.0	4.1	4.5	2.7							27
28	12.8	6.2	5.2	4.1	4.4	2.4							28
29	10.2	5.1	4.2	4.8	4.8	2.7							29
30	8.8	5.8	4.1	4.5	4.5	2.9							30
31	9.8		6.6		4.3								31
TOTAL	175.6	149.8	253.7	168.3	202.2	94.7							TOTAL
MEAN	5.66	5.35	8.18	5.61	6.52	3.15							MEAN
AC-FT	348.3	297.12	503.21	333.82	401.06	187.83							AC-FT
MAX	16.3	14.8	20.0	9.2	14.0	4.0							MAX
MIN	2.8	3.5	5.0	4.1	3.7	2.2							MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, CPS  
TOTAL DISCHARGE, AC-FTLOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.2 MILES  
WEST OF THE COMMUNITY OF SOUTH MIDDLETON.MAXIMUM DAILY DISCHARGE, CPS  
MINIMUM DAILY DISCHARGE, CPS

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.3 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED

NATURAL FLOW

## VENISON CREEK TRIBUTARY NEAR SOUTH MIDDLETON - STATION NO. 02GC203

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.9	4.8	8.4	4.9	3.8	2.8	1.9	2.3	2.5	5.4	01		
02	3.5	4.5	8.0	4.7	4.3	2.8	1.7	2.3	2.6	4.4	02		
03	3.3	4.2	8.7	4.6	4.1	3.0	1.7	2.2	3.1	4.0	03		
04	3.0	4.1	8.6	4.9	4.1	2.8	1.6	2.1	3.2	3.8	04		
05	3.1	4.0	7.6	4.5	6.8	2.4	1.7	2.0	3.0	3.9	05		
06	3.1	4.1	7.3	4.4	7.3	2.6	1.7	2.0	2.9	6.1	06		
07	2.9	4.5	7.6	5.5	5.8	2.5	1.6	1.9	3.2	5.7	07		
08	2.7	4.9	6.0	4.7	5.0	2.4	1.5	1.9	3.6	4.6	08		
09	2.5	4.4	7.6	4.4	4.6	2.4	1.5	2.0	3.4	4.5	09		
10	2.4	4.2	7.1	4.3	4.3	1.9	1.5	2.0	5.4	5.1	10		
11	2.4	4.0	6.6	4.8	4.8	1.8	2.9	2.0	5.2	4.7	11		
12	2.4	5.0	6.2	4.2	8.2	2.3	1.9	1.9	4.4	4.4	12		
13	2.4	8.1	5.9	4.1	6.7	2.4	2.0	1.9	4.0	4.3	13		
14	3.2	2.3	6.9	5.8	6.0	5.9	1.9	1.9	3.5	5.0	14		
15	3.0	2.3	5.6	5.7	4.0	5.5	1.8	1.9	3.8	9.1	15		
16	3.0	2.4	5.0	5.7	3.9	5.5	2.2		1.8	4.6	16		
17	2.7	2.6	6.2	5.5	3.8	5.0	2.2		1.9	3.2	17		
18	2.9	3.7	9.1	5.5	3.7	4.7	2.2		2.8	3.0	18		
19	3.0	3.6	13.3	6.3	3.7	4.5	2.6	1.9	2.9	2.8	19		
20	2.5	3.3	14.7	6.2	3.6	4.4	2.3	1.9	3.6	4.8	20		
21	2.4	3.2	10.8	6.7	3.7	4.1	2.2	2.1	3.4	3.0	21		
22	2.4	5.2	13.4	5.7	3.6	3.9	2.2	1.9	3.2	3.9	22		
23	2.4	11.0	13.1	5.5	3.4	3.8	2.1	1.9	2.8	3.0	23		
24	2.4	20.0	12.9	6.4	3.3	3.8	2.1	2.6	2.6	2.7	24		
25	3.7	14.1	13.7	6.5	3.2	3.6	1.9	2.0	2.5	2.6	25		
26	4.9	6.4	10.7	5.8	3.3	3.4	1.6	1.9	2.5	2.5	26		
27	3.3	5.3	9.1	5.4	2.8	3.3	1.7	1.8	2.4	3.6	27		
28	3.1	5.1	8.4	5.2	2.9	3.3	1.2 E	1.8	2.2	4.3	28		
29	6.8	10.0	5.1	2.8	3.2	1.2 E	1.9	2.2	2.4	4.2	29		
30	6.2	10.5	4.9	2.8	3.0	1.2 E	1.8	2.1	2.2	5.3	4.7	30	
31	4.3		9.1		3.7		1.2 E	2.1			8.0	31	
TOTAL	128.1	243.3	195.5	121.6	140.7	67.3			72.3	103.6	151.0		TOTAL
MEAN	4.57	7.84	6.51	3.92	4.69	2.17			2.33	3.45	4.87		MEAN
AC-FT	254.08	482.58	387.17	241.19	279.07	133.48			143.4	205.49	299.5		AC-FT
MAX	20.0	14.7	8.7	5.5	8.2	3.0			3.6	5.4	9.1		MAX
MIN	2.3	4.0	4.9	2.8	3.0	1.2			1.8	2.5	3.4		MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CPS

TOTAL DISCHARGE, AC-FT

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.2 MILES

WEST OF THE COMMUNITY OF SOUTH MIDDLETON.

MAXIMUM DAILY DISCHARGE, 20.0 CPS

MINIMUM DAILY DISCHARGE, 1.20 CPS

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.3 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.8	5.1	10.1	12.5	6.3	3.9	3.0						01
02	5.7	4.4	11.5	10.2	6.2	3.7	2.9						02
03	5.9	4.1	15.8	9.0	6.4	3.6	2.8						03
04	5.2	4.3		8.2	5.9	3.4	2.7						04
05	4.3	4.2		7.5	5.6	3.3	2.6						05
06	4.1	4.1		7.3	6.2	3.3	2.5						06
07	4.2	4.0	30.5	6.6	18.2	3.2	2.5						07
08	3.9	3.4	20.2	6.5	13.2	3.1	2.4						08
09	3.6	3.3	16.3	6.5	9.8	3.0	2.3						09
10	3.4	3.8	16.2	6.5	8.2	2.9	2.4						10
11	3.6	4.5	16.2	6.2	7.7	2.7	2.5						11
12	3.6	4.8	15.5	5.9	7.2	2.5	2.4						12
13	3.6	5.5	28.0	5.7	6.5	2.5	2.4						13
14	3.6	6.6	19.1	5.6	6.2	2.5	2.2						14
15	3.3	7.2	15.2	5.7	6.0	2.5	2.5						15
16	3.5	13.8	13.3	5.6	5.9	2.5	2.3						16
17	3.3	19.7	11.8	5.3	5.9	2.5	2.2						17
18	3.0	19.9	10.5	5.1	5.8	2.4	2.2						18
19	3.0	26.7	12.9	5.0	5.5	2.7	2.1						19
20	3.0	18.5	15.3	4.9	5.2	2.6	2.1						20
21	3.0	19.3	16.5	5.0	5.0	2.5	2.4						21
22	3.1	32.5	13.0	5.4	4.7	2.4	2.1						22
23	3.1	17.8	10.7	5.7	4.6	2.4	2.1						23
24	3.1	13.6	9.8	5.6	4.5	2.5	2.3						24
25	3.0	16.4	10.7	12.1	4.4	3.4	2.1						25
26	4.5	15.6	10.1	14.2	4.6	2.9	2.1						26
27	6.8	12.9	10.2	9.8	4.2	2.6	2.2						27
28	6.5	11.2	11.3	8.2	4.1	2.6	2.1						28
29	6.2	10.0	9.4	7.3	3.6	2.7	2.9						29
30	5.6		8.7	6.6	3.6	3.0	2.8						30
31	5.1		9.4		4.0		2.9						31
TOTAL	130.6	317.2		215.7	195.0	85.8	75.0						TOTAL
MEAN	4.21	10.93		7.19	6.29	2.86	2.41						MEAN
AC-FT	259.04	629.16		427.84	386.78	170.18	148.76						AC-FT
MAX	6.8	32.5		14.2	18.2	3.9	3.0						MAX
MIN	3.0	3.3		4.9	3.6	2.4	2.1						MIN

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 32.5 CFS

MINIMUM DAILY DISCHARGE, 2.1 CFS

LOCATION: AT THE CULVERT ON THE TOWNLINE ROAD, 1.2 MILES

WEST OF THE COMMUNITY OF SOUTH MIDDLETON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.3 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

STATION DISCONTINUED JULY 1976.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				4.7	0.87	0.72	3.0	1.1	0.68	0.96	1.1	0.93	01
02				6.3	2.0	0.68	3.5	0.94	0.64	0.9	3.2	0.96	02
03				5.7	1.6	0.67	1.9	1.1	0.63	0.86	1.9	1.0	03
04				1.8	1.1	0.65	1.2	1.1	0.59	0.85	1.7	1.0	04
05				1.9	1.0	0.63	0.98	0.9	0.59	0.83	1.3	1.0	05
06				3.2	0.93	0.66	0.85	0.77	0.59	0.79	1.2	1.0	06
07				2.0	1.2	0.67	0.81	0.76	0.59	0.78	1.2	1.1	07
08				1.7	1.5	1.1	0.76	0.96	0.59	0.8	1.1	1.3	08
09				1.7	1.3	0.94	0.81	1.3	0.62	0.92	1.2	1.1	09
10				2.1	1.1	2.3	0.8	1.3	0.62	0.83	1.2	0.96	10
11				1.4	1.4	1.7 E	0.8	0.87	0.6	0.8	1.3	1.1	11
12				1.2	1.4	1.0 E	0.9	0.77	0.6	0.78	3.7	3.9	12
13				1.2	1.2	0.9 E	0.76	0.71	0.61	0.79	2.3	2.0	13
14				2.0	1.1	0.82	0.78	0.7	0.6	0.91	1.6	1.4	14
15				2.6	1.1	1.1	0.75	0.63	0.61	0.87	1.4	1.2	15
16				1.7	0.98	1.0	0.72	0.62	0.62	1.4	1.2	1.6	16
17				1.7	0.91	1.0	0.72	0.67	0.63	1.7	1.3	1.2	17
18				1.6	0.96	0.98	0.69	0.67	0.65	2.6	2.0	2.5	18
19				1.3	1.7	0.75	0.68	0.71	0.65	3.5	1.6	2.5	19
20				1.1	1.2	0.69	0.65	0.71	0.65	1.4	1.2	1.5	20
21				1.2	1.1	0.79	0.65	0.66	1.2	1.2	1.1	6.3	21
22				2.3	1.1	2.6	0.62	0.63	1.1	1.1	1.4	3.9	22
23				1.4	1.0	0.95	1.2	0.62	0.81	0.98	1.9	1.7	23
24				1.2	0.95	0.85	0.99	0.61	0.78	0.94	1.5	1.4	24
25				1.1	0.86	1.5	0.86	0.59	0.74	1.3	1.4	1.3	25
26				1.0	0.85	0.89	0.76	0.64	0.72	1.2	1.0	0.8	26
27				0.96	0.84	0.73	1.4	0.69	0.74	1.3	1.4	1.1	27
28				0.93	0.85	0.67	1.3	0.76	2.4	1.6	1.1	1.1	28
29				0.87	0.79	0.98	0.85	0.68	2.7	1.1	1.1	1.1	29
30				0.85	0.78	0.93	0.77	0.75	1.1	1.1	1.0	1.0	30
31					0.75		2.3	0.84		1.0		1.0 B	31
TOTAL				58.71	34.42	29.85	33.87	24.76	24.65	36.09	46.3	49.65	TOTAL
MEAN				1.95	1.11	0.99	1.09	0.79	0.82	1.16	1.54	1.6	MEAN
AC-FT				116.45	68.27	59.2	67.18	49.11	48.89	71.58	91.83	98.48	AC-FT
MAX				6.3	2.0	3.5	1.3	2.7	3.5	3.7	6.3	6.3	MAX
MIN				0.85	0.75	0.63	0.62	0.59	0.59	0.78	1.0	0.93	MIN

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 6.3 CFS

MINIMUM DAILY DISCHARGE, 0.59 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29

CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.4 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.0	3.4	0.87	2.2	1.2	1.1	0.89	0.99	0.72	0.73	0.85	1.5	01
02	1.1	14.1	0.86	1.7	1.1	1.1	0.79	0.78	0.97	0.71	0.84	1.5	02
03	1.1	5.8	0.838	1.7	1.1	1.0	0.79	0.73	0.92	1.1	0.84	1.0	03
04	1.1	2.8	0.82	3.8	1.1	0.95	0.82	0.71	0.84	0.82	0.84	2.5	04
05	1.2	2.1	0.87	2.0	0.93	0.89	0.82	0.69	1.5	0.75	0.83	2.0	05
06	1.1	1.7	0.89	1.5	0.91	0.86	0.81	0.9	4.5	0.73	0.83	1.5	06
07	1.1 8	1.5	0.89	1.4	0.88	0.82	0.76	0.79	1.3	0.92	1.3	1.4	07
08	1.1 8	1.5	1.1	1.4	0.86	0.82	0.73	1.1	0.99	0.81	1.4	1.2	08
09	1.0 8	1.3	1.5	1.4 E	1.8	0.97	0.79	1.1	0.93	0.76	1.2	1.2 8	09
10	0.988	1.2 8	3.0	1.3	1.4	1.0	0.82	0.79	1.2	0.75	1.2	1.2 8	10
11	0.958	1.2 8	4.1	1.3	1.1	0.87	0.78	0.74	1.4	0.76	1.0	1.3 8	11
12	0.958	1.2 8	2.9 8	1.2	1.3	0.95	0.74	0.69	1.0	0.74	0.97	1.3 8	12
13	0.968	1.1 8	1.6 8	1.2	1.1	0.8	0.71	0.7	0.9	0.72	0.94	2.6	13
14	0.988	1.1 8	1.4	1.2	1.0	0.81	0.71	0.69	0.9	0.72	0.95	1.7	14
15	1.0 8	1.0	1.2	1.2	0.87	0.87	0.74	0.67	0.85	0.73	1.3	1.0 8	15
16	1.0 8	1.0	9.8	1.1	1.7	0.87	0.95	0.73	0.86	0.74	1.2	1.0 8	16
17	1.1	1.0	14.0	1.0	1.5	0.82	0.84	0.94	0.85	0.75	1.0	1.0 8	17
18	1.1	1.0 8	14.7	1.0	1.1	0.76	0.74	0.73	0.82	0.8	1.6	1.0 8	18
19	1.1	1.0	11.4	1.0	1.1	1.1	0.81	0.75	0.83	1.6	1.3	1.0	19
20	1.0	1.0	11.9	0.97	2.7	0.88	0.79	1.1	0.82	0.92	1.1	1.0	20
21	1.0	0.968	6.8	0.99	1.3	0.86	0.76	0.77	0.79	0.86	1.1	1.0	21
22	1.0	0.998	3.5	0.99	1.2	1.2	0.76	1.8	0.77	0.84	1.3	1.0	22
23	1.0	0.93	3.0	0.98	1.1	0.91	0.75	1.3	0.78	0.85	1.4	1.1	23
24	0.998	0.9	2.1	1.4	0.94	0.82	0.77	0.93	0.8	0.83	1.7	1.1	24
25	1.0 8	0.88	2.7	1.1	0.92	0.93	0.75	0.84	0.8	0.84	1.4	1.1 8	25
26	1.0 8	0.89	7.6	1.1	0.87	2.4	0.72	0.79	0.79	0.88	1.2	1.1 8	26
27	1.0 8	0.87	5.6	1.0	0.85	1.1	0.74	0.76	0.79	0.87	1.2	1.0 8	27
28	1.0	0.85	5.0	0.94	0.89	1.1	0.76	0.76	0.78	0.85	3.0	1.0 8	28
29	1.1	0.86	3.7	0.93	1.9	1.0	0.7	0.75	0.77	0.84	4.1	0.988	29
30	2.0		2.6	1.0	1.4	0.95	0.72	0.72	0.76	0.83	1.6	0.98	30
31	1.8		2.8		1.1		0.83	0.72		0.84		1.0	31
TOTAL	33.81	54.09	130.03	40.0	37.55	29.51	24.09	26.46	30.93	25.89	39.49	39.86	TOTAL
MEAN	1.09	1.86	4.19	1.33	1.21	0.98	0.77	0.85	1.03	0.83	1.31	1.28	MEAN
AC-FT	67.06	107.28	257.91	79.34	74.48	58.53	47.78	52.48	61.34	51.35	78.32	79.06	AC-FT
MAX	2.0	14.1	14.7	3.8	2.7	2.4	0.95	1.8	4.5	1.6	4.1	2.6	MAX
MIN	0.95	0.85	0.82	0.93	0.85	0.76	0.7	0.67	0.72	0.71	0.83	0.98	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 1.4 CFS

TOTAL DISCHARGE, 1020 AC-FT

MAXIMUM DAILY DISCHARGE, 14.7 CFS

MINIMUM DAILY DISCHARGE, 0.67 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29

CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.4 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH

CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.0	2.9	0.61	0.778	1.3	0.92	1.1	1.5	0.8	0.85	0.87	0.868	01
02	0.99	1.9	0.58	6.3	1.3	1.9	0.94	1.3	0.8	0.89	2.8	0.828	02
03	0.97	1.5 B	0.558	1.5	1.4	1.6	1.1	0.98	0.79	0.89	1.4	0.838	03
04	0.97	1.1 B	0.538	1.8	1.3	1.2	1.0	0.92	0.78	0.85	1.1	0.85	04
05	0.97	1.0 B	0.528	3.2	1.2	1.3	1.0	0.89	0.8	0.84	0.98	0.83	05
06	0.978	0.968	0.438	1.8	1.1	1.2	0.9	0.86	0.84	0.85	0.93	0.8 B	06
07	0.998	1.0 B	0.48	1.7	1.2	1.1	0.85	0.86	0.94	0.89	0.9	0.858	07
08	0.998	1.1	0.398	1.5	2.2	0.98	0.82	0.87	0.83	0.9	0.88	1.1 B	08
09	1.0	1.1	0.368	1.6	1.9	0.95	0.8	0.85	0.82	0.95	0.87	0.97	09
10	0.99	1.0 B	0.348	2.5	1.8	0.94	0.82	0.83	0.82	0.82	0.87	0.93	10
11	0.95	1.0 B	0.298	1.5	2.4	0.94	1.3	0.83	0.84	0.81	0.87	1.7	11
12	0.97	1.0	0.288	1.3	1.6	0.93	1.1	0.82	0.84	0.81	0.98	1.2	12
13	0.96	0.938	0.3 B	1.3	1.6	1.2	0.9	0.81	0.82	0.83	0.91	1.0	13
14	0.97	0.898	0.3	1.3	1.5	1.0	0.84	0.8	0.81	0.91	1.6	0.98	14
15	0.96	0.888	0.3	1.4	1.3	1.0	0.81	0.81	0.82	0.82	1.2	0.94	15
16	0.97	0.848	0.3	1.6	1.2	1.1	0.8	1.4	0.89	1.1	0.97	0.888	16
17	1.0	0.838	0.8	2.0	1.2	1.0	0.81	1.5	0.87	0.91	1.0	0.878	17
18	1.5	0.836	14.0 E	5.6	3.2	1.3	0.8	1.0	0.84	1.4	0.878	18	
19	1.5	0.88	7.3 E	2.1	3.8	1.3	0.79	1.2	0.82	0.93	2.0	0.848	19
20	1.3	0.88	5.1 E	1.5	1.8	1.1	0.79	0.89	0.82	1.8	1.3	0.868	20
21	1.2	0.9	10.9 E	1.5	1.5	1.0	0.81	0.85	0.81	1.0	0.98	0.878	21
22	1.1	0.87	3.0	1.6	1.4	0.98	0.8	0.83	0.81	0.96	0.93	0.818	22
23	1.2	0.86	3.4	2.6	1.3	1.3	0.79	0.84	0.82	0.9	0.99	0.8 B	23
24	4.6	0.83	5.0	1.7	1.2	1.2	0.87	0.82	0.87	0.91	0.96	0.8 B	24
25	4.0	0.8	4.3	1.4	1.2	1.1	2.1	0.79	0.85	0.94	0.96	0.8 B	25
26	2.2	0.74	1.6	1.4	1.1	1.2	0.78	0.85	0.85	0.86	0.96	0.8 B	26
27	1.6 B	0.7	0.93	1.5	1.1	1.0	1.1	0.78	0.86	0.86	0.93	0.8 B	27
28	1.2 B	0.65	1.0	2.1	1.0	0.94	1.3	0.8	0.84	0.83	0.87	0.8 B	28
29	1.2 B	1.8 B	1.7	1.0	0.9	1.1	0.8	0.83	0.83	0.81	0.88	0.8 B	29
30	5.0 B		0.938	1.4	0.98	1.2	0.99	0.81	0.85	0.8	0.878	0.8 B	30
31	6.2		0.688		0.92		0.92	0.81		0.8		0.8 B	31
TOTAL	50.42	28.87	67.22	59.17	47.0	33.68	30.25	28.83	24.88	26.08	33.16	27.86	TOTAL
MEAN	1.62	1.03	2.16	1.97	1.51	1.12	0.97	0.93	0.82	0.9	1.1	0.89	MEAN
AC-FT	100.0	57.26	133.33	117.36	93.22	66.8	60.0	57.18	49.34	55.69	65.77	55.26	AC-FT
MAX	6.2	2.9	14.0	6.3	3.8	1.9	2.1	1.5	0.89	1.8	2.8	1.7	MAX
MIN	0.95	0.65	0.28	0.77	0.92	0.9	0.79	0.78	0.78	0.8	0.87	0.8	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 1.3 CFS

TOTAL DISCHARGE, 911 AC-FT

MAXIMUM DAILY DISCHARGE, 14.0 CFS

MINIMUM DAILY DISCHARGE, 0.28 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29

CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.4 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH

CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.8 B	0.988	0.838	1.7	1.4	0.9	0.74	0.75	0.72	0.75	1.4	0.96	01
02	0.79	1.3	0.86	3.1	1.3	0.89	0.8	0.65	0.68	0.82	1.1	0.94	02
03	0.8	1.2 8	0.86	2.8	1.2	0.9	0.77	0.66	0.72	0.87	0.97	0.94	03
04	0.82	1.1 8	1.2	2.4	1.2	0.86	0.99	0.63	0.93	0.82	0.92	1.2	04
05	0.82	1.0 B	1.3	2.5	1.3	0.84	0.86	0.61	0.79	0.76	0.89	0.97	05
06	0.8	0.948	1.2	3.3	1.3	0.83	0.71	0.61	0.71	0.72	0.87	0.92	06
07	0.8	0.94	1.1	5.0	1.2	0.83	0.68	0.6	0.68	0.72	0.85	0.97	07
08	0.8	0.93	1.0	9.1	1.6	0.82	0.67	0.6	0.95	0.71	0.83	1.2	08
09	0.778	0.938	1.0	8.8	1.4	0.8	0.69	0.6	0.88	0.7	0.83	1.9	09
10	0.738	0.918	1.2	3.5	1.2	0.88	1.1	0.6	0.84	0.75	1.3	1.5	10
11	0.738	0.878	1.0	2.5	1.2	0.87	0.94	0.71	0.74	0.75	1.2	1.1	11
12	0.718	0.828	0.988	2.9	1.1	0.81	0.86	1.4	0.69	0.89	1.2	0.878	12
13	0.698	0.778	0.998	3.4	1.1	0.77	0.72	0.85	0.72	0.9	0.99	0.898	13
14	0.698	0.738	0.998	3.6	1.1	0.76	0.78	0.74	0.73	1.0	0.9	0.928	14
15	0.728	0.728	0.978	3.0	1.3	0.78	0.9	0.7	0.72	0.93	0.92	0.958	15
16	0.778	0.738	0.988	2.5	2.1	0.8	0.88	0.69	0.85	0.85	0.87	0.968	16
17	0.778	0.728	1.1 B	2.7	1.8	1.0	0.78	0.67	0.73	0.83	0.94	0.998	17
18	0.798	0.728	1.1	2.4	1.3	0.9	0.75	0.65	0.92	0.81	0.95	0.99	18
19	0.83	0.748	1.2	1.9	1.1	0.82	0.71	0.83	0.82	0.8	0.9	1.0	19
20	0.83	0.768	1.6	5.4	1.0	0.8	2.3	0.78	0.75	0.8	2.3	1.0	20
21	0.838	0.778	1.9	3.2	0.99	0.78	1.2	0.69	0.72	1.5	1.4	0.92	21
22	0.828	0.798	2.4	2.3	1.2	0.73	0.81	0.7	0.72	1.8	1.2	0.958	22
23	0.828	0.778	2.5	2.0	1.1	0.71	0.72	0.7	0.71	1.0	0.97	0.928	23
24	0.818	0.698	2.5	2.7	1.0	0.71	0.7	0.68	0.74	0.94	0.87	0.928	24
25	0.828	0.628	2.8	2.3	1.3	0.76	0.68	0.68	1.4	0.89	0.84	0.91	25
26	0.828	0.718	3.6	1.8	1.4	0.72	0.68	0.68	1.4	0.86	0.9	0.9	26
27	0.848	0.788	3.5	1.6	1.1	1.1	0.67	0.66	1.2	0.85	1.1	0.89	27
28	0.868	0.88	2.7	1.5	1.0	0.81	0.68	0.69	0.85	0.82	1.5	0.84	28
29	0.978		1.9	1.4	0.94	0.78	0.68	0.67	0.81	0.8	1.1	0.828	29
30	0.888		1.6	1.3	0.91	0.78	0.67	0.98	0.8	1.3	1.0	0.828	30
31	0.938		1.5		0.91		0.68	0.84		2.3		0.846	31
TOTAL	24.86	23.74	48.36	92.6	38.05	24.74	25.8	22.3	24.92	29.24	32.01	30.9	TOTAL
MEAN	0.8	0.84	1.56	3.08	1.22	0.82	0.83	0.71	0.83	0.94	1.06	0.99	MEAN
AC-FT	47.3	47.08	95.92	183.67	75.47	49.07	51.17	44.23	49.42	57.99	63.49	61.29	AC-FT
MAX	0.97	1.3	3.6	9.1	2.1	1.1	2.3	1.4	2.3	2.3	1.9	1.9	MAX
MIN	0.69	0.62	0.83	1.3	0.91	0.71	0.67	0.6	0.68	0.7	0.83	0.82	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 1.1 CFS

TOTAL DISCHARGE, 828 AC-FT

MAXIMUM DAILY DISCHARGE, 9.1 CFS

MINIMUM DAILY DISCHARGE, 0.60 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29

CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.4 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH

CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.868	0.75	1.4	1.4	1.7	0.94	0.97	0.9	0.78	0.81	0.9	0.98	01
02	0.858	0.728	1.2 B	4.7	2.0	1.1	0.89	0.85	0.77	0.81	0.91	0.968	02
03	0.878	0.728	1.1	3.2	1.7	1.4	0.83	0.81	0.79	0.81	0.9	0.958	03
04	1.1	0.728	1.0 B	2.7	1.5	1.1	0.81	0.79	0.8	0.81	0.89	0.94	04
05	1.3	0.878	1.1 B	2.3	1.4	1.1	0.95	0.78	1.6	0.82	0.89	0.9	05
06	0.968	0.928	1.0 B	2.3	1.4	0.99	6.1	0.76	1.1	0.82	0.91	1.3	06
07	0.918	0.838	1.0 B	3.5	1.3	0.96	1.3	0.76	0.92	0.83	0.9	1.6	07
08	0.918	0.778	1.0 B	4.0	1.4	1.3	1.0	0.75	0.88	0.83	1.3	0.8	08
09	0.918	0.738	0.988	6.5	1.4	1.0	0.93	0.73	0.83	1.1	0.89	1.9	09
10	0.91	0.738	0.938	7.5	1.3	0.93	0.85	0.79	0.8	1.4	0.99	2.6	10
11	0.92	0.738	0.958	7.4	1.2	0.9	0.8	0.79	0.97	1.0	1.0	1.9	11
12	0.87	0.748	0.958	8.0	1.3	0.89	0.82	0.75	0.8	0.91	1.0	1.3	12
13	0.838	0.728	0.95	11.0	1.2	2.5	1.0	0.74	0.92	1.0	1.1	1.4	13
14	0.848	0.738	0.96	5.6	1.1	1.2	0.94	0.76	0.92	0.97	1.0	2.0	14
15	0.838	0.828	1.4	4.7	1.0	0.98	0.85	0.76	0.87	0.94	1.2	1.5	15
16	0.838	0.88	1.8	4.9	1.1	0.93	0.87	0.74	0.86	0.9	1.1	1.9	16
17	0.848	0.89	1.4	4.3	1.1	0.9	1.1	0.73	0.95	0.98	1.3	1.7	17
18	0.858	0.9	1.3	4.4	1.0	0.87	0.89	0.72	0.87	0.96	1.0	18	18
19	0.858	0.9	1.2 B	4.3	1.0	0.85	0.9	0.71	0.86	0.86	1.4	1.0 B	19
20	0.858	1.2	1.2	3.6	1.2	0.84	0.89	0.71	2.1	0.85	1.2	1.1 B	20
21	0.868	1.1	1.1	3.1	1.1	0.91	0.85	0.73	1.3	0.84	1.2	1.1	21
22	0.888	1.1	1.1	2.8	1.0	0.83	0.9	0.83	0.96	0.85	0.97	1.0	22
23	0.888	1.3	1.0	2.4	1.0	0.8	0.95	1.0	0.91	0.87	0.86	1.1 B	23
24	0.86	1.1	0.99	2.2	1.0	0.8	0.93	0.78	0.91	0.91	0.86	1.3	24
25	0.86	1.0	0.99	2.0	1.3	1.4	0.93	0.78	0.85	1.2	0.88	1.1	25
26	0.86	1.1	0.97	2.0	1.2	1.5	1.2	0.89	0.85	1.0 E	0.91	1.1	26
27	0.748	1.8	0.99	1.9	1.4	2.1	1.2	1.5	0.82	0.9 E	0.99	1.0	27
28	0.758	1.7	1.0	1.9	1.1	11.9	0.95	1.3	0.85	0.93	1.1	1.1	28
29	0.758	0.99	2.0	1.0	1.4	1.0	1.0	0.96	0.91	1.2	1.0	2.9	29
30	0.758	0.99	1.8	1.0	1.1	0.94	0.94	0.87	0.85	0.9	1.0	1.0 B	30
31	0.75		1.0		0.96		0.92	0.83		0.9		1.0 B	31
TOTAL	27.03	26.47	33.94	118.4	38.36	43.92	34.76	25.87	28.47	28.29	30.18	39.04	TOTAL
MEAN	0.87	0.94	1.09	3.94	1.23	1.46	1.12	0.83	0.94	0.91	1.0	1.25	MEAN
AC-FT	53.61	52.5	67.31	234.84	76.08	87.11	68.94	51.31	56.47	56.11	59.86	77.43	AC-FT
MAX	1.3	1.8	1.8	11.0	2.0	11.9	6.1	1.5	2.1	1.4	2.6	2.6	MAX
MIN	0.74	0.72	0.93	1.4	0.96	0.8	0.8	0.71	0.77	0.81	0.86	0.9	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 1.3 CFS

TOTAL DISCHARGE, 941 AC-FT

MAXIMUM DAILY DISCHARGE, 11.9 CFS

MINIMUM DAILY DISCHARGE, 0.71 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29

CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.4 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH

CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.0 B	1.0 E	1.0 B				1.1	0.8	0.86	1.1	1.1	1.1	01
02	1.0	1.0 E	1.0 B				1.0	1.0	0.88	1.1	1.5	1.0	02
03	1.0	1.0 E	1.0 B				1.1	1.1	0.9	0.98	1.3	1.0	03
04	1.0	1.0 B	1.0 B				1.0	0.88	0.86	0.93	1.2	0.93 E	04
05	1.0	1.0 B	1.0 B				0.97	0.83	0.84	0.91	1.2	1.0 E B	05
06	1.0 B	1.0 B	0.99				0.96	0.83	0.83	1.3	1.1	2.9	06
07	1.0 B	0.948	1.1 B				0.93	1.4	0.84	1.3	1.1	1.5	07
08	0.94	0.978	1.1 B				0.92	1.4	1.7	0.9 E	2.9	1.1	08
09	1.0	0.958	1.0 B				0.92	1.7	1.0	0.9 E	1.7	1.1	09
10	1.1	0.9 B	0.978				0.99	1.0	0.88	0.9 E	1.4	1.2	10
11	1.1	0.93	0.998				0.93	0.92	0.86	0.9 E	1.4	1.0	11
12	1.1	0.96	1.1 B				0.9	0.96	0.85	0.9 E	1.3	1.4	12
13	1.0	1.0 B	1.1 B	26.6			0.97	0.93	0.86	0.9 E	1.2	5.2	13
14	1.0 B	1.2 B	1.1 B	22.1			1.1	0.93	0.86	0.9 E	1.2	2.0	14
15	1.0 B	1.2	1.1	10.5			1.8	0.89	0.82	0.9 E	1.1	1.5 B	15
16	1.0 B	1.1 B	1.3	7.9			1.6	0.91	0.81	0.9 E	1.1	1.4 B	16
17	1.0 B	1.1 B	1.5	16.5			1.0	0.95	0.8	0.9 E	1.1	1.3 B	17
18	1.0 B	1.0	1.4	12.4			0.94	0.92	0.79	0.9 E	1.2	1.3 B	18
19	1.2 B	1.0 B	1.3 B				0.92	0.89	0.79	0.9 E	1.2	1.2	19
20	1.1	1.0 B	1.2 B				0.92	0.86	0.78	0.9 E	1.2	1.2	20
21	1.0 E	1.0 B	1.2				0.89	0.85	0.78	0.95	1.1	1.2	21
22	1.2 E	1.0 B	2.2				1.1	0.87	0.77	1.6	1.1	1.2	22
23	1.5 E	1.0	2.3				1.2	1.3	0.77	3.3	1.1	1.2	23
24	1.2 E	1.0	1.8				0.98	1.1	0.9	1.6	1.1	1.2	24
25	1.3 E	0.99	1.5 B				0.94	0.97	0.86	1.3	1.2	1.3	25
26	1.1 E	0.99	1.4 B	2.8			0.9	0.9	1.2	1.2	2.0	1.3	26
27	1.0 E	0.98	1.3 B	2.7			0.86	2.4	0.96	1.1	1.7	1.3	27
28	1.0 E	1.0	1.2				0.83	1.3	0.87	1.2	1.4	2.8	28
29	1.0 E	1.0	1.2				0.83	0.98	1.3	1.9	1.2	1.2 B	29
30	1.0 E		1.4				1.3	0.81	0.9	2.3	1.3	1.2 B	30
31	1.0 E		1.4					0.8	0.87	1.1		3.4	31
TOTAL	32.84	29.21	39.15				31.11	32.54	28.52	35.87	39.5	45.88	TOTAL
MEAN	1.05	1.0	1.26				1.0	1.04	0.95	1.15	1.31	1.48	MEAN
AC-FT	65.13	57.93	77.65				61.7	64.54	56.56	71.14	78.34	91.0	AC-FT
MAX	1.5	1.2	2.3				1.8	2.4	2.3	3.3	2.9	5.2	MAX
MIN	0.94	0.9	0.97				0.8	0.8	0.77	0.9	1.1	0.98	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 26.6 CFS

MINIMUM DAILY DISCHARGE, 0.77 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29

CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.4 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH

CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.9	1.5 B	1.1	6.6	1.8	1.4	1.1	1.3 E	1.0	0.87	2.3	1.2	01
02	2.1	11.4 B	1.1	4.5	2.4	1.3	1.0	1.1 E	0.96	0.97	1.6	1.1	02
03	1.7	5.3	4.4	4.4	1.9	1.2	0.99	0.95	0.89	1.4	1.5	1.2	03
04	2.1	2.0	15.8	3.4	1.8	1.4	1.1	0.89	0.87	1.1	1.1	1.4	04
05	1.7	1.7	4.0	3.8	1.6	1.4	1.3	0.85	0.88	1.0	1.1	1.5	05
06	1.5 B	1.5 B	14.6	2.5	1.4	1.4	1.0	0.84	0.87	0.94	1.1	1.3	06
07	1.5 B	1.5	11.1	2.2	1.4	1.6	0.98	0.84	0.85	0.92	1.1	1.2	07
08	1.4 B	1.4	4.8	2.0	3.5	1.3	0.95	0.84	0.86	0.9	1.1	1.1	08
09	1.4 B	1.3 B	2.6	1.8	2.4	1.2	0.92	0.86	0.86	0.9	1.0	1.2	09
10	1.3 B	1.3 B	2.6	1.9	3.0	1.1	0.92	0.9	0.87	0.89	0.93	1.3	10
11	1.2 B	1.3 B	6.9	1.9	2.3	1.1	0.92	0.89	0.86	0.89	0.98	1.2	11
12	1.2 B	1.3 B	3.8 E	1.8	1.8	1.1	0.92	0.85	0.85	0.89	1.0	1.2	12
13	1.2	1.3 B	2.5	1.6	1.7	1.1	0.95	0.86	0.82	1.0	1.0	1.2 B	13
14	1.2	1.2 B	2.3	1.6	1.6	1.0	1.0	0.86	0.82	1.1	1.0	1.1 B	14
15	1.2	1.2 B	3.0	1.7	1.8	1.0	0.96	0.86	0.82	0.95	2.4	1.2 B	15
16	1.2	1.1	2.4	1.7	1.8	1.1	0.94	0.86	0.84	0.95	1.7	1.1 B	16
17	1.3	1.0	7.0	1.7	1.7	1.1	0.94	0.85	0.88	1.0	1.3	1.1 B	17
18	2.4	1.1 B	2.7	1.6	1.5	1.2	0.93	1.3	1.3	1.0	1.2	1.1 B	18
19	10.2	1.1 B	2.3	1.6	1.4	1.2	0.93	1.1	0.93	1.2	1.2	1.0 B	19
20	4.8	1.2	2.0	1.6	1.4	1.1	0.95	0.96	0.92	1.2	1.1	1.1 B	20
21	2.3	1.2	1.8	1.5	1.4	1.1	0.94	0.95	0.89	1.0	1.3	1.0 B	21
22	2.7	1.2	1.7	1.7	1.3	1.1	0.92	0.94	1.1	0.97	1.4	1.0 B	22
23	6.1	1.2	1.9	1.8	1.3	1.0	0.91	0.92	1.4	0.96	1.2	1.0 B	23
24	2.5	1.2	2.4	1.6	1.3	1.7	0.92	0.92	1.1	0.94	1.5	1.0 B	24
25	1.8 B	1.1	2.4	1.5	1.3	1.3	0.97	0.91	0.98	1.4	1.2 B	25	
26	1.7	1.1	2.4	1.4	1.5	1.1	1.0	0.89	0.92	0.95	1.2	1.6	26
27	1.6	1.1	2.0	3.5	1.4	1.1	1.0	0.91	0.92	0.93	1.2	2.1	27
28	1.6	1.1	2.7	3.2	1.6	1.3	0.86	0.91	1.0	2.4	1.7	2.8	28
29	1.5 B		1.9	1.8	1.7	1.5	1.1 E	0.84	0.89	1.5	1.9	1.5	29
30	1.6 B		2.8	1.7	1.5	1.1	0.8 E	0.82	0.87	2.3	1.5	1.4	30
31	1.5 B		2.4		1.6		2.0 E	1.1		1.6		1.3	31
TOTAL	69.4	49.9	120.4	69.1	55.7	36.9	31.56	28.82	27.93	33.17	40.71	38.6	TOTAL
MEAN	2.23	1.78	3.88	2.3	1.79	1.23	1.01	0.92	0.93	1.07	1.35	1.24	MEAN
AC-FT	137.65	98.97	238.81	137.05	110.48	73.19	62.59	57.16	55.39	65.79	80.74	76.56	AC-FT
MAX	10.2	11.4	15.8	6.6	3.5	1.7	2.0	1.3	1.4	2.3	2.4	2.1	MAX
MIN	1.2	1.0	1.1	1.4	1.3	1.0	0.8	0.82	0.82	0.87	0.93	1.0	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 1.6 CFS

TOTAL DISCHARGE, 1190 AC-FT

MAXIMUM DAILY DISCHARGE, 15.8 CFS

MINIMUM DAILY DISCHARGE, 0.80 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29

CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.4 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH

CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.2	2.1 8	1.7 8	4.6	2.0	1.4	0.99	0.5	0.36	0.58	0.74	0.64E	01
02	1.1 8	1.1 8	1.5 8	10.3	1.5	1.3	0.84	0.5	0.36	0.58	0.72	1.4 E	02
03	1.1	0.938	1.9	5.0	1.5	1.3	6.1	0.48	0.57	0.53	0.76	1.7 E	03
04	1.1	0.948	12.8	10.9	1.4	1.2	1.1	0.56	0.41	0.51	0.89	1.0 E	04
05	1.0	0.948	30.1	3.1	1.4	1.2	0.77	0.48	0.36	0.5	0.85	0.55B	05
06	1.0	0.958	15.6	2.2	1.8	1.2	0.58	0.43	0.34	0.49	0.9	0.42	06
07	0.99	0.958	10.7	2.1	1.6	1.1	0.5	0.39	0.34	0.56	0.8	0.38	07
08	0.778	0.968	2.6 B	1.8	1.5	1.1	0.47	0.38	0.34	0.52	0.76	0.9	08
09	0.988	0.97	2.0	1.6	2.7	1.2	0.45	0.46	0.32	0.52	0.76	0.85B	09
10	0.988	0.99	1.7 B	1.6	1.8	1.2	0.56	0.43	0.32	0.54	0.75	0.5 B	10
11	0.99	1.0	1.8 8	1.6	1.6	1.2	0.41	0.41	0.33	0.55	0.75	0.37B	11
12	0.96	1.0	1.6 8	1.9	7.0	1.2	0.35	0.45	0.41	0.6	1.4	0.48	12
13	0.94	1.0 E	1.3 B	2.1	3.1	1.2	0.32	0.45	0.43	0.6	0.79E	0.51	13
14	0.98	1.0	1.3 B	3.1	2.1	1.2	0.35	0.4	0.39	1.4	1.0 E	0.49	14
15	1.0	0.97	1.3	2.7	2.6	2.1	0.4	0.37	0.38	0.85	0.7 E	0.45	15
16	1.0	0.97	1.4 B	1.8	2.8	2.1	0.42	0.37	0.38	0.72	0.67E	0.53	16
17	0.93	0.958	1.4 B	1.6	6.1	1.4	0.42	0.39	0.41	0.74	1.2 E	0.57	17
18	0.92	0.948	1.3 B	1.6	2.4	1.6	0.42	0.36	0.41	0.67	0.85E	0.53	18
19	0.92	0.948	1.3 B	1.5	2.0	2.4	0.42	0.34	0.41	0.65	0.67E	0.51	19
20	0.95	0.948	1.3 B	1.4	1.7	1.6	0.38	0.33	0.41	0.64	3.5 E	0.49	20
21	1.4	0.93	1.3 B	1.4	1.6	1.1	0.42	0.33	0.4	0.67	2.8 E	0.5	21
22	1.2	1.5 8	1.3	2.5	1.6	0.97	0.4	0.32	0.41	0.7	0.69E	0.51	22
23	1.3	1.4 B	1.3	2.5	1.7	0.9	0.43	0.36	0.41	0.74	0.63E	0.52	23
24	1.2	1.1 B	1.3	2.0	1.6	0.91	0.49	0.36	0.41	0.7	1.4 E	0.53	24
25	1.1	1.1 B	1.2 B	1.6	1.7	0.92	0.49	0.33	0.65	0.72	0.62E	0.54	25
26	1.1	0.95	1.3	1.5	1.6	0.89	0.51	0.33	0.53	0.72	0.57E	0.53E	26
27	7.6	1.0	1.2	1.4	1.6	0.84	0.51	0.9	0.45	0.71	0.55E	0.52E	27
28	4.4	1.2	1.2	1.4	1.6	0.8	0.44	0.45	1.0	0.72	0.55E	0.52E	28
29	2.4	1.2	1.2	1.7	1.9	1.9	0.97	0.4	1.9	0.74	0.57E	0.56E	29
30	2.0		1.2	1.8	1.6	1.3	0.85	0.38	0.72	0.87	0.6 E	0.53E	30
31	2.4		1.5		1.5		0.58	0.39		0.78		0.48E	31
TOTAL	45.91	29.72	108.6	80.3	66.6	38.73	22.34	13.03	14.50	20.82	26.44	18.99	TOTAL
MEAN	1.48	1.06	3.5	2.67	2.14	1.29	0.72	0.42	0.48	0.67	0.94	0.61	MEAN
AC-FT	91.06	58.94	215.4	159.27	132.1	76.82	44.31	25.84	28.87	41.29	56.41	37.66	AC-FT
MAX	7.6	2.1	30.1	10.9	7.0	2.4	6.1	0.9	1.9	1.4	3.5	1.7	MAX
MIN	0.77	0.93	1.2	1.4	1.4	0.8	0.32	0.32	0.49	0.55	0.55	0.37	MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 1.3 CFS  
 TOTAL DISCHARGE, 968 AC-FT  
 MAXIMUM DAILY DISCHARGE, 30.1 CFS  
 MINIMUM DAILY DISCHARGE, 0.32 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29 CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 2.4 SQUARE MILES.  
 REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH CONCRETE CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.51E	1.6 B	1.0 E	1.4	2.6	1.5	0.86	0.81	0.73	0.67	1.0	1.5	01
02	0.48E	1.5 B	1.0 E	1.2 B	2.5	1.1	0.91	0.81	0.68	0.65	0.92	1.0 B	02
03	0.45E	1.5 B	1.0 E	1.1 B	2.4	1.1	0.9	0.92	0.61	0.6	0.9	0.98B	03
04	0.48E	1.4 B	1.0 E	1.1 B	3.6	1.0	0.87	0.91	0.61	0.62	0.88	0.93B	04
05	0.45E	1.4 B	1.0 E	1.2 B	3.9	1.1	0.85	0.8	0.61	0.62	0.83	0.99B	05
06	0.45E	1.4	1.0 E	1.2 B	2.8	1.1	0.83	0.61	0.61	0.64	0.86	0.97B	06
07	0.48E	1.4	1.0 E	1.2 B	2.4	1.1	0.83	0.77	0.6	0.63	0.86	0.87B	07
08	0.51E	1.3	1.0 E	1.1	2.2	1.1	0.9	0.74	0.63	0.61	0.92	0.98B	08
09	2.1 E	1.2 B	1.0 E	1.2	2.1	0.98	0.88	0.76	0.59	0.62	0.87	0.92B	09
10	1.6 E	1.0 B	1.0 E	1.2	1.9	0.96	0.91	0.77	0.6	0.76	2.5	0.94B	10
11	12.0	0.96	1.0 E	1.4	1.9	0.95	0.94	0.92	0.7	0.73	1.1	0.93B	11
12	3.9	0.96	1.3 E	1.4	2.0	1.7	0.89	0.81	1.1	0.7	0.89	0.92B	12
13	2.5	0.97	2.8 E	1.6	1.9	1.2	0.85	0.8	0.74	0.84	0.85	0.95B	13
14	2.0 B	0.93	2.0 E	3.2	1.7 E	1.1	0.86	0.77	0.69	0.81	0.82	1.3	14
15	1.8 8	0.95	1.3 E	3.1	1.5 E	1.7	0.83	0.72	0.64	0.76	0.82	2.7	15
16	1.7 B	1.0	1.4 E	3.5	1.3 E	2.2	0.82	0.61	0.66	0.75	0.84	1.2 B	16
17	1.7 B	1.1	3.4 E	4.6	1.2	1.2	0.81	0.6	0.65	0.78	0.82	0.98B	17
18	1.6 B	1.8	11.6 E	6.3	1.1	1.2	0.82	0.59	1.0	1.0	0.83	0.93B	18
19	1.7 E	1.6	30.2	14.8	1.2	2.2	1.2	0.59	2.3	0.86	0.84	0.88B	19
20	1.7 E	1.4	17.1	4.5	1.1	1.3	0.6	1.1	0.86	0.81	0.81	0.83B	20
21	1.6 E	1.4	3.7	3.2	1.3	1.1	1.4	0.62	0.9	0.86	0.94	0.8 B	21
22	1.5	8.1	2.8	1.1	1.0	1.0	1.0	0.6	0.77	0.83	0.87	0.77	22
23	1.5	9.3	4.2	2.9	1.1	0.96	0.99	1.5	0.68	0.77	0.84	0.75B	23
24	1.6	41.5	5.1	4.6	1.1	0.96	0.93	0.82	0.65	0.77	0.82	0.77B	24
25	2.4	6.8	5.2	3.0	1.0	0.92	0.93	0.82	0.77	0.82	0.82	0.77B	25
26	2.9 B	1.5 E	2.2 B	2.9	1.2	0.9	0.86	0.71	0.65	0.78	0.79	0.78B	26
27	2.2 B	1.0 E	1.5 B	2.7	1.1	0.92	0.86	0.64	0.62	0.77	1.1	0.82B	27
28	2.0	1.0 E	1.3 B	2.7	1.0	0.94	0.86	0.59	0.76	0.77	0.97	0.85B	28
29	2.2	1.7	2.6	0.98	0.91	0.83	0.79	0.58	0.76	0.74	2.0	1.3	30
30	1.9 B	1.7	2.6	1.2	0.86	0.83	0.88	0.88	0.57	0.74	0.72	1.3 B	31
31	1.7 B		1.4 B		1.7		0.89	0.68					TOTAL
TOTAL	59.61	89.47	118.6	86.3	54.08	35.3	30.4	23.49	22.57	23.07	29.49	32.12	
MEAN	1.92	3.19	3.82	2.87	1.74	1.17	0.98	0.75	0.75	0.74	0.98	1.03	MEAN
AC-FT	118.23	177.46	235.24	171.17	107.26	70.01	60.29	46.59	44.76	45.75	58.49	63.71	AC-FT
MAX	12.0	41.5	30.2	14.8	3.9	2.2	3.3	1.5	2.3	1.0	2.5	2.7	MAX
MIN	0.45	0.93	1.0	1.1	0.98	0.86	0.81	0.59	0.57	0.6	0.79	0.75	MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 1.7 CFS  
 TOTAL DISCHARGE, 1200 AC-FT  
 MAXIMUM DAILY DISCHARGE, 41.5 CFS  
 MINIMUM DAILY DISCHARGE, 0.45 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29 CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 2.4 SQUARE MILES.  
 REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH CONCRETE CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED  
 NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.9 B	0.798	3.5 B	4.9	1.0	2.4	2.4	1.9	1.0	0.61	0.91	1.0 B	01
02	0.739	0.749	2.6 B	3.0	1.1	1.6	1.9	1.3	1.2	0.6	0.9	1.0 B	02
03	0.768	0.728	2.0 B	2.6	1.5	1.4	2.2	1.1	0.96	0.58	0.94	1.0 B	03
04	0.768	0.668	1.7 B	2.1	1.3	1.3	1.9	1.0	0.84	0.56	0.9	1.0 B	04
05	0.748	0.649	8.0	1.9	1.2	1.2	1.4	1.1	0.8	0.56	0.89	0.958	05
06	0.778	0.658	6.5	1.8	1.8	1.1	1.3	1.0	0.7 E	0.88	0.89	0.9 B	06
07	0.763	0.643	2.9	1.6	3.9	1.5	1.2	0.97	0.62F	1.3	0.91	0.858	07
08	0.688	0.658	1.7 B	1.4	2.2	1.2	1.4	1.1	0.55E	0.79	0.85	0.858	08
09	0.718	0.658	1.5 B	1.4	1.7	1.3	1.1	1.1	0.58E	1.2	0.83	0.858	09
10	0.7 B	0.728	1.4 B	1.4	1.5	1.1	1.1	1.0	1.0 E	1.2	0.89	0.8 B	10
11	0.673	0.71	1.3 B	1.2	1.8	1.1	1.5	0.96	0.87	0.91	0.87	0.8 B	11
12	0.668	0.68	1.2 B	1.1	1.7	1.1	1.4	1.1	0.71	0.86	0.88	0.8 B	12
13	0.668	0.68	2.1 B	1.2	1.4	1.0	1.2	2.0	0.61	0.87	0.91	0.858	13
14	0.678	0.68	1.6 B	1.2	1.4	3.0	1.1	1.9	0.57	0.96	0.91	1.0 B	14
15	0.668	0.73	1.4 B	1.6	1.4	1.5	1.1	1.4	0.55	0.91	0.89	1.1	15
16	0.658	1.3	1.3 B	3.4	4.1	1.5	1.3	1.1	0.54	0.88	0.88	1.1	16
17	0.658	1.5	1.3 B	2.8	4.9	1.4	1.2	0.98	0.66	0.87	0.89	1.1	17
18	0.598	1.9	1.3 B	2.2	2.6	1.2	1.1	0.92	0.82	0.88	0.95	1.1	18
19	0.628	3.9	1.6	1.8	2.5	1.7	1.0	0.92	0.6	0.93	1.0	1.1	19
20	0.538	2.1	22.8	1.6	2.5	1.5	1.2	0.89	0.95	1.3	0.97	1.1	20
21	0.618	1.6	26.2	1.3	1.8	1.3	1.2	0.88	0.78	1.6	0.87	1.3 B	21
22	0.6 B	3.6	3.9	1.5	1.6	1.5	1.0	0.86	0.83	1.3	0.91	1.1 B	22
23	0.6 B	1.6 B	5.3	1.2	1.5	1.3	1.1	0.86	1.1	1.1	0.94	1.0 B	23
24	0.598	1.4 B	10.1	1.1	1.4	1.2	1.2	0.82	0.76	1.2	0.95	1.0 B	24
25	0.978	1.7	9.6	2.3	1.5	2.1	1.0	0.78	0.66	1.2	0.94	0.958	25
26	2.1 B	5.1	4.4	2.0	1.5	1.4	0.98	0.79	0.99	1.1	1.4	0.958	26
27	1.4 B	7.3	6.5	1.9	1.4	1.3	1.1	0.81	1.0	1.0	2.1	0.958	27
28	1.2 B	4.7	3.5	1.6	1.2	1.1	0.98	0.89	0.76	1.0	1.4	0.958	28
29	1.0 B	3.5	2.6	1.3	1.2	1.9	2.4	1.2	0.69	0.93	1.1	0.958	29
30	0.988	3.4	1.1	1.2	3.4	1.6	0.94	0.65	0.91	1.1 B	0.958	30	
31	0.948		7.6		3.5		2.7	0.86		0.95		0.9 B	31

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 1.6 CFS

TOTAL DISCHARGE, 1150 AC-FT

MAXIMUM DAILY DISCHARGE, 26.2 CFS

MINIMUM DAILY DISCHARGE, 0.54 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29 CONC 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 2.4 SQUARE MILES.  
 REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.7 B	0.84	0.888	1.7	1.4	1.1	1.3	0.67	1.4	2.7	1.1	4.5	01
02	0.7 B	0.81	0.828	2.4	1.5	1.1	0.93	0.55	2.0	1.7	1.1	2.3	02
03	0.7 B	0.74	0.82	3.5	1.5	1.1	0.87	0.52	1.1	1.4	1.1	1.8	03
04	0.85	0.71	2.0	1.8	1.5	1.1	0.91	0.52	0.89	1.1	1.1	1.6	04
05	0.88	0.69	4.3	3.7	1.5	1.0	0.84	0.75	0.86	1.1	1.1	1.5	05
06	0.89	0.68	2.2	2.0	1.5	1.0	1.2	0.84	0.84	1.1	1.1	1.4	06
07	0.9	0.68	2.0	1.6	1.4	1.0	1.3	0.56	0.85	1.0	2.6	1.4	07
08	0.89	0.72	1.9	1.6	1.4	0.99	1.2	0.56	0.85	2.0	3.0	1.4	08
09	0.88	0.748	5.3	1.7	1.4	0.99	0.98	0.54	0.85	3.5	1.6	1.4	09
10	0.99	0.748	16.2	1.7	1.4	0.99	0.87	1.5	0.87	1.6	3.5	1.4	10
11	1.0	0.738	9.7	1.7	1.4	0.95	0.87	0.84	1.4	1.4	2.1	1.4	11
12	0.97	0.74	9.3	1.7	1.4	0.94	0.94	0.84	1.4	1.4	1.6	1.4	12
13	0.93	0.99	18.8	1.7	1.4	0.94	0.9	0.6	1.1	1.2	1.4	1.4	13
14	0.91	0.82	6.0	1.6	1.4	0.84	0.84	0.69	1.1	1.2	1.3	3.5	14
15	0.9	0.8 B	4.2	1.6	1.4	0.84	0.88	0.61	0.92	1.1	1.4	2.8	15
16	0.87	0.788	3.4	1.5	1.4	0.84	0.89	1.7	1.4	1.4	2.5	2.2	16
17	0.85	0.788	2.4	1.5	1.4	0.98	0.85	1.3	1.4	1.2	2.8	2.0	17
18	0.82	0.778	2.0	1.5	1.4	1.4	0.86	0.79	1.1	1.1	2.2	1.9	18
19	0.81	0.768	2.0	1.4	1.4	1.1	0.9	0.76	1.1	1.1	1.8	1.8	19
20	0.79	0.778	1.8	1.4	1.4	1.0	0.61	0.76	1.2	1.1	1.5	1.8	20
21	0.78	0.758	1.8	1.4	1.4	1.0	0.59	0.8	1.2	1.1	1.6	2.0	21
22	0.75	0.748	1.8	2.1	1.4	0.91	0.57	1.2	1.0	1.1	1.4	1.8	22
23	0.73	0.728	1.7	3.9	1.3	0.88	0.56	0.81	0.99	1.1	1.7	1.7	23
24	0.73	1.1	1.5	4.0	1.3	0.88	0.58	1.1	0.99	1.1	2.0	1.7	24
25	0.72	1.1	1.4	4.7	1.3	1.7	0.58	0.81	2.3	1.1	1.8	3.0	25
26	0.71	0.95	1.4	3.1	1.3	1.1	0.56	0.76	2.0	1.1	2.4	2.0	26
27	0.68	0.96	1.6	1.9	0.92	0.56	0.76	1.3	1.1	1.5	1.7	27	
28	0.72	0.95	2.2	1.6	1.2	0.88	0.56	0.76	1.2	1.1	1.5	1.6	28
29	0.78	3.4	1.5	1.1	1.7	0.58	0.77	1.1	1.1	1.5	1.6	29	
30	0.78	2.9	1.5	1.1	1.0	0.59	0.77	1.1	1.1	1.5	1.6	30	
31	0.84		2.3		1.1		0.73	0.75		1.1		1.5	31

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 1.5 CFS

TOTAL DISCHARGE, 1070 AC-FT

MAXIMUM DAILY DISCHARGE, 18.8 CFS

MINIMUM DAILY DISCHARGE, 0.52 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29 CONC. 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 2.4 SQUARE MILES.  
 REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENFIELD - STATION NO. 02HD211

31

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.5 B	1.4 B	1.1 B	9.0	1.6	1.1							01
02	1.5 B	1.4 B	1.1 B	8.1	1.6	1.1							02
03	1.4 B	1.4 B	1.1 B	3.7	1.5	1.1							03
04	1.3 B	1.4 B	1.1 B	3.1	1.5	1.1							04
05	1.3	1.4 B	1.1 B	5.6	1.6	1.2							05
06	1.3	1.4 B	1.1 B	5.7	1.7	1.1							06
07	1.3	1.3 B	1.1 B	15.7	1.7	1.2							07
08	3.3	1.3 B	1.1 B	5.7	1.6	1.3							08
09	2.6 B	1.3 B	1.1 B	4.4	2.4	1.1							09
10	1.8 B	1.3 B	1.1 B	3.5	1.7	1.1							10
11	1.6 B	1.3 B	1.1 B	8.9	1.5	1.1							11
12	1.6 B	1.3 B	1.1 B	7.2	1.7	1.4							12
13	1.5 B	1.3 B	1.1 B	6.9	1.8	1.8							13
14	1.5 B	1.4 B	1.3	3.9	6.4	1.3							14
15	1.5 B	1.3 B	2.2	3.2	3.0	1.2							15
16	1.4 B	1.3 B	2.0	3.7	2.0								16
17	1.4 B	1.3 B	1.6	3.5	2.0								17
18	1.4 B	1.3 B	1.4	3.6	1.8								18
19	1.4 B	1.3 B	1.4	5.2	1.7								19
20	1.4 B	1.3 B	1.4	6.7	2.5								20
21	1.4 B	1.2 B	2.2	4.5	2.3								21
22	1.4 B	1.2 B	2.8	3.0	1.6								22
23	1.3 B	1.2 B	2.6	2.6	1.4								23
24	1.4 B	1.2 B	2.5	2.4	1.4								24
25	1.4 B	1.2 B	2.0	2.3	1.3								25
26	2.5 B	1.2 B	1.8	2.1	1.2								26
27	1.7 B	1.2 B	1.7	1.9	1.2								27
28	1.6 B	1.1 B	1.6	1.8	1.2								28
29	1.6 B		1.7	1.7	1.1								29
30	1.5 B		2.0	1.6	1.1								30
31	1.4 B		3.1		1.1								31
TOTAL	49.2	36.2	49.6	141.2	56.2								TOTAL
MEAN	1.58	1.29	1.6	4.7	1.81								MEAN
AC-FT	97.58	71.8	98.38	280.07	111.47								AC-FT
MAX	3.3	1.4	3.1	15.7	6.4								MAX
MIN	1.3	1.1	1.1	1.6	1.1								MIN

## SUMMARY FOR THE YEAR 1978

CFS

AC-FT

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 15.7 CFS

MINIMUM DAILY DISCHARGE, 1.10 CFS

LOCATION: AT THE ROAD ALLOWANCE, AT DARLINGTON TWP. LOT 29

CONC. 10, ABOUT 1 MILE N.E. OF THE COMMUNITY OF ENFIELD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 2.4 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 DEGREE V-NOTCH

CONCRETE CONTROL. STATION DISCONTINUED JUNE 1978.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1965

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01												8.2	01
02												6.9	02
03												8.2	03
04												10.8	04
05												7.7	05
06												7.0	06
07												5.7	07
08												6.1	08
09												6.0	09
10												6.5	10
11												6.2	11
12												6.7	12
13												21.8	13
14												13.2	14
15												9.8	15
16												8.2	16
17												7.5	17
18												14.5	18
19												10.8	19
20												12.3	20
21												17.9	21
22												13.3	22
23												12.9	23
24												11.5	24
25												11.0	25
26												11.4	26
27												50.3	27
28												12.4	28
29												8.4	29
30												7.2	30
31												23.0	31
TOTAL												323.1	TOTAL
MEAN												10.42	MEAN
AC-FT												640.86	AC-FT
MAX												35.9	MAX
MIN												5.4	MIN

## SUMMARY FOR THE YEAR 1965

CFS

AC-FT

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, CFS

MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT

0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 7.9 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	16.4	4.1 B	200.0	12.4	5.0	4.6	2.9	2.6	3.5	4.0	4.2	7.8	01
02	8.5	3.8 B	32.7	13.4	4.8	4.9	2.7	3.5	2.9	3.8	8.2	6.2	02
03	9.9	4.2 B	18.1	13.5	5.3	4.2	2.7	3.2	3.0	3.6	10.5	5.1	03
04	7.7	4.1 B	14.8	12.1	7.8	4.2	2.8	2.7	4.1	3.8	6.6	4.8	04
05	6.6	4.0 B	34.4	12.0	7.1	4.5	2.9	2.7	4.2	3.7	5.2	5.1	05
06	6.6	4.1 B	12.5	12.8	7.1	4.0	3.2	2.9	3.7	3.5	5.2	11.7	06
07	6.1 B	4.0 B	7.5 B	16.0	6.1	4.1	3.1	2.8	3.5	3.5	5.1	89.3	07
08	6.2 B	4.3 B	9.1 B	13.9	5.8	3.9	2.8	2.6	3.4	3.4	7.4	49.4	08
09	6.6 B	5.0 B	6.4	13.1	5.2	6.2	2.9	2.7	3.1 E	3.4	26.0	17.1	09
10	6.3	19.0	6.0	13.0 E	5.2	9.5	3.8	2.9	3.1 E	4.9	34.0	07.6	10
11	5.1	57.0	10.1	10.4 E	5.2	4.7	2.7 E	3.8	3.7	4.5	13.5	45.1	11
12	5.3 B	17.1	8.9	10.0 E	8.3	3.9	3.0	3.6	4.7	8.2	12.4	12	
13	5.2 B	8.7	34.6	9.3	8.3	3.2	2.5	3.0	3.3	4.6	5.7	9.9	13
14	5.1 B	5.9 B	21.5	9.5	5.8	4.2	2.4	2.9	3.3	4.2	8.8	14	
15	4.6 B	5.6 B	13.5	8.8	5.1	6.8	2.4	2.9	3.6	4.6	4.2	8.1	15
16	4.4 B	5.3 B	10.2	8.4	6.8	7.3	2.2 E	4.0	3.6	6.7	5.0	8.3	16
17	4.5 B	5.0 B	10.8	8.0	7.2	6.9	2.4 E	3.3	3.6	5.0	6.3	6.5	17
18	4.2 B	5.2 B	15.7	7.1	6.6	4.5	2.7	2.9	3.5	4.5	5.4	8.3	18
19	4.2 B	5.4 B	23.3	6.9	34.5	4.0	2.9	2.8	3.5	4.5	5.7	19	
20	4.1 B	6.2	16.8	9.3	11.3	3.9	2.8	2.7	3.4	4.9	3.5 E	5.7	20
21	4.1 B	6.0	12.2	9.3	11.7	3.7	2.7	2.6	4.4	4.1 E	5.4	21	
22	4.1 B	5.3	18.1	8.4	8.0	3.7	2.7	4.8	5.9	4.3	4.2	4.9	22
23	4.3 B	4.9	14.5	7.3	6.1 E	3.5	2.7	4.3	4.5	4.2	4.3	4.6	23
24	4.5 B	4.7	15.0	7.9	5.0	3.4	2.7	3.3	3.8	5.1	4.7	24	
25	4.4 B	4.6	11.6	8.0	5.8	3.2	2.6	3.2	3.6	4.2	11.3	4.7	25
26	4.8 B	4.3	7.9 B	6.9	5.1	3.1	2.6	3.1	3.5	4.1	7.6	4.7	26
27	5.6 B	4.5	9.4 B	5.6	4.8	3.0	2.6	3.0	3.5	4.2	6.1	4.7	27
28	5.5 B	11.1	9.2 B	5.5	4.7	3.1	2.9	3.0	3.0	4.0	20.0	4.7 B	28
29	5.6 B	10.1	5.7	4.7	3.0	2.9	2.9	3.0	4.9	3.9 E	33.7	4.7 B	29
30	6.0 B	14.3	5.3	4.8	2.9	2.7	4.0	5.4	3.4	10.8	4.7	30	
31	5.9 B		13.5		4.6		2.6	4.5	3.7		4.1		31
TOTAL	182.4	223.4	643.3	289.8	226.8	131.6	85.5	99.3	114.5	130.7	286.0	437.4	TOTAL
MEAN	5.88	7.97	20.75	9.66	7.31	4.38	2.75	3.2	3.81	4.21	9.53	14.1	MEAN
AC-FT	361.79	443.11	1275.98	574.81	449.85	261.02	169.58	196.96	227.11	259.24	567.28	867.58	AC-FT
MAX	16.4	57.0	200.0	16.0	34.5	9.5	3.8	4.8	6.1	6.7	34.0	89.3	MAX
MIN	4.1	3.8	6.4	5.3	4.6	2.9	2.2	2.6	2.9	3.4	3.5	4.6	MIN

## SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, 7.8 CFS

TOTAL DISCHARGE, 5650 AC-FT

MAXIMUM DAILY DISCHARGE, 200 CFS

MINIMUM DAILY DISCHARGE, 2.2 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT 0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.7	8.2	4.9 B	34.5	5.0	3.5	10.3	7.2	3.2	4.7	7.3	6.2	01
02	4.7	7.8	4.9 B	28.0	14.0	3.4	15.9	4.4	2.9	4.5	38.8	6.1	02
03	4.8	7.7 B	5.0 B	125.0	14.4	3.1	11.3	5.0	2.8	4.4	21.1	6.4	03
04	4.8	7.5	5.0 B	20.3	7.4	3.1	7.1	6.9	2.8	4.3	15.6	6.4	04
05	4.8	7.3 B	4.9 B	16.8	6.4	3.1	5.2	4.8	2.8	4.1	11.5	6.3	05
06	4.9 B	7.1 B	4.9 B	47.5	5.7	3.2	4.4	4.0	2.8	4.0	8.9	6.5	06
07	5.0 B	6.9 B	4.9 B	24.5	7.4	3.5	4.2	5.4	2.8	4.0	7.9	6.7	07
08	5.1	6.7 B	4.8 B	16.5	11.6	5.9	3.9	4.9	2.8	4.1	7.6	8.0	08
09	5.1	6.4 B	4.7 B	15.2	9.3	4.9	4.1	5.8	2.9	4.8	8.5	7.3	09
10	5.0	6.2 B	5.1 B	24.4	7.4	11.4	3.9	9.2	2.8	4.4	8.1	5.5	10
11	4.8 B	6.0 B	23.2	15.0	10.6	8.9	3.3	4.6	2.8	4.1	9.2	6.8	11
12	4.6 B	5.8 B	26.3	13.4	10.1 E	4.6	4.4	3.8	2.8	4.1	87.5	53.5	12
13	4.9	5.6 B	22.5	13.8	6.8 E	4.1	4.8	3.3	2.7	4.2	38.7	17.5	13
14	5.0	5.3 B	23.1	22.9	5.8 E	3.6	3.8	3.0	2.7	4.3	16.2	9.8	14
15	5.0	5.2	34.8	49.8	6.1 E	5.0	3.3	3.0	2.7	4.7	11.9	8.4	15
16	5.1 B	5.6 B	13.6 B	22.8	5.2	4.7	3.1	2.9	2.7	9.7	11.1 E	7.7	16
17	4.9 B	5.9	8.9 B	24.5	4.9	4.8	3.0	2.8	2.7	11.1	11.0	7.4	17
18	5.6 B	5.5	7.6 B	20.3	5.1	4.7	2.8	2.9	2.9	22.2	14.1	1.8	18
19	6.2 B	5.3	6.7 B	13.9	12.2	3.4	2.7	3.1	2.9	5.1	17.0	21.9	19
20	5.8 B	5.1	6.6 B	11.5	7.8	2.8	2.7	3.6	3.1	15.5	10.5	11.3	20
21	4.6	4.7	8.2 B	10.8	6.4	2.8	2.6	3.0	6.0	10.6	8.9	70.0	21
22	4.6	4.6	6.0	30.4	6.6	15.7	2.8	2.8	6.7	8.4	11.3	137.0	22
23	15.9	4.7	5.9	12.8	5.6	5.5	8.5	2.7	3.7	7.5	20.2	16.3	23
24	20.5	4.6 B	9.1	9.9	4.9	4.2	5.9	2.6	3.6	6.7	14.6	11.0	24
25	65.0	4.7 B	14.1	8.5	4.7	7.0	4.1	2.6	3.6	9.2	12.4	10.3	25
26	26.4	4.8 B	31.0	7.2	4.5	4.8	5.2	2.7	3.5	9.9	14.0	9.8 B	26
27	12.4	4.8 B	180.0	6.3	4.3	4.0	9.0	3.0	3.5	9.2	11.2	6.9 B	27
28	11.6	4.9 B	71.0	5.5	4.4	3.6	10.8	3.4	19.2	14.5	6.2	7.4	28
29	10.8 B	47.3	5.4	4.2	4.1	4.4	3.0	27.8	9.7	7.5	7.0	29	
30	8.7 B	53.5	5.4	3.9	4.5	3.6	3.2	5.8	9.0	6.5	6.5	6.5	30
31	9.7		29.6		3.7		10.7	4.1		7.2		7.0	31
TOTAL	291.0	164.9	678.1	662.8	216.4	147.9	171.8	123.7	140.0	293.4	485.4	515.0	TOTAL
MEAN	9.38	5.88	21.87	22.07	6.98	4.93	5.54	3.99	4.66	9.46	16.18	16.61	MEAN
AC-FT	577.19	327.07	1345.01	1314.66	629.22	293.35	340.76	245.35	277.69	581.95	962.79	1021.5	AC-FT
MAX	65.0	8.2	180.0	125.0	14.6	15.7	15.9	9.2	27.8	65.1	87.5	137.0	MAX
MIN	4.6	4.6	4.7	5.4	3.7	2.8	2.6	2.6	2.7	4.0	6.5	5.5	MIN

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 10.7 CFS

TOTAL DISCHARGE, 7720 AC-FT

MAXIMUM DAILY DISCHARGE, 180 CFS

MINIMUM DAILY DISCHARGE, 2.6 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 7.9 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.3 B	11.7	4.9	18.3	8.6	6.5	4.6	5.2	3.2	4.1	4.5	10.6	01
02	6.5	9.4	4.8	14.0	9.1	6.3	3.9	3.6	5.4	4.0	4.3 E	10.9	02
03	6.0	92.0	5.1 B	13.1	8.3	6.5	3.9	3.3	4.6	7.5	4.3	11.1	03
04	5.3	35.9	4.7	28.1	8.3	5.5	3.8 E	3.1 E	4.2	5.3	4.3	17.6	04
05	5.2 B	17.4	4.8	18.3	6.7	5.0	4.2	3.1	7.1	4.7	4.2	16.1	05
06	5.1	15.7	4.7	13.1	6.2	4.7	3.8	5.3	27.8	4.6	4.3	11.1	06
07	5.8 B	10.6	4.7 B	12.2	5.8	4.1	3.6	4.5	8.5	5.9	6.7	9.5	07
08	6.1 B	13.1	5.2	11.7	5.7	4.0	3.6	4.3	5.5	5.3	7.5	7.8 B	08
09	5.8 B	8.4 B	8.5	10.9	9.6	4.2	4.2	5.6	5.0	4.9	6.6	9.1 B	09
10	5.8 B	10.7 B	19.2	10.4	11.6	5.0	4.4	4.2	6.5	5.0	6.9	7.1	10
11	5.8 B	10.1	25.1	10.0	7.6	4.8	3.7	3.2	8.0	4.9	6.0	8.9	11
12	5.5	10.5	18.4	10.0	9.8	5.2	3.7	3.1	6.9	4.8	5.6	6.6	12
13	5.1	10.6	13.1 B	8.6	9.6	4.5	3.5	3.4	5.2	4.6	5.6	17.1	13
14	4.5	7.5 B	9.6 B	6.9	6.2	3.9	3.2	3.0	4.8	4.5 E	5.3	11.9 B	14
15	5.5 B	6.0	7.2	8.1	6.4	3.7	3.3	2.9	4.5	5.0	7.6	12.8 B	15
16	5.8 B	5.8	48.2	8.9	10.4	3.7	3.9	3.1	4.4	4.8	7.6	9.2 B	16
17	6.5	6.0 B	86.7	8.7	11.9	3.7	3.6	4.4	4.6	4.8	6.1	5.4	17
18	6.3	5.7	103.0	7.5	7.8	3.6	3.5	3.3	4.4	5.2	9.3	4.8	18
19	7.8	5.4	67.7	7.3	6.8	4.5	3.8	3.4	4.2	9.4	8.4	4.8	19
20	6.1	5.2 B	65.7	6.7	18.1	3.8	4.1	4.8	4.1	6.0	6.7	5.0	20
21	6.1	5.3 B	45.0	6.7	11.2	3.9	3.4	3.8	4.0	5.4	6.3	5.3	21
22	6.0	5.2 B	26.4	6.8	8.6	6.0	3.3	8.3	4.4	5.3	8.7	5.4	22
23	6.2 B	4.7	23.5	6.9	6.9	4.4	3.3	8.5	4.0	5.5	9.0	5.8	23
24	7.0 B	4.7	17.1	9.1	6.6 E	4.7	3.5	5.1	4.1	5.0	10.5	5.5 B	24
25	7.7	4.8	20.7	8.2	5.8	4.7	3.4	4.9	4.1	4.9	8.5	7.1 B	25
26	7.4	5.1	37.9	7.8	5.4	13.5	3.2	3.7	3.8	5.1	7.1	7.6	26
27	5.5	5.4	41.4	6.9	5.3	7.6	3.5	3.9	5.1 E	7.3	6.4 B	27	
28	5.5	5.1	35.6	6.3	5.2	8.1	3.5	3.2	4.0	5.1 E	22.6	6.4 B	28
29	5.8	4.8	28.1	6.0	12.2	6.0	3.2	3.2	4.2	5.1	34.8	5.3 B	29
30	10.7		20.2	6.7	10.0	5.2	3.2	3.2	4.9	13.2	4.9	3.0	30
31	10.5		18.1		7.3		3.4	3.2		4.6		5.0	31

TOTAL	196.2	423.8	825.3	304.2	259.0	157.3	113.2	127.4	169.5	161.3	249.8	260.1	TOTAL
MEAN	6.32	14.61	26.62	10.14	8.35	5.24	3.65	4.1	5.65	5.2	8.32	8.39	MEAN
AC-FT	389.16	840.6	1636.98	603.38	513.72	312.0	224.53	252.69	336.2	319.93	495.47	515.9	AC-FT
MAX	10.7	92.0	103.0	28.1	18.1	13.5	4.6	8.5	27.8	9.4	34.8	17.6	MAX
MIN	4.5	4.7	4.7	6.0	5.2	3.6	3.2	2.9	3.2	4.0	4.2	4.8	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 8.9 CFS

TOTAL DISCHARGE, 6440 AC-FT

MAXIMUM DAILY DISCHARGE, 103 CFS

MINIMUM DAILY DISCHARGE, 2.9 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT 0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 7.9 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.1	17.6	4.6	8.1	9.3	5.7	5.6	8.6	3.6	5.9	4.8 E	5.3	01
02	4.8 B	10.3	4.7	39.9	8.7	8.3	4.4	7.5	3.7	4.7	19.0	5.8 B	02
03	4.7 B	8.4	4.9	16.2	10.0	10.5	5.2	5.7	3.5	4.6	11.9	5.7	03
04	4.6	7.5 B	3.7 B	13.5	8.6	7.5	4.9	4.7	3.5	4.3	7.2	5.4	04
05	4.6 B	6.8 B	7.4 B	26.8	8.3	7.1	5.3	4.3	3.6	4.5	6.1	5.2	05
06	5.0 B	5.5 B	4.5 B	16.9	6.9	6.8	5.0	4.0	3.8	4.8	5.7	5.1	06
07	4.7 B	4.9 B	4.1 B	14.1	7.2	6.0	4.1	4.0	3.9	4.9	5.5	7.1	07
08	4.7 B	4.9 B	4.0 B	12.9	12.1	5.7 E	3.8	4.3	3.5	4.9	4.6	6.5	08
09	4.7 B	4.7 B	4.3 B	11.0	13.0	5.7 E	3.7	4.1	3.6	4.5 E	4.6	6.0	09
10	4.4	4.7 B	4.2 B	17.9	13.6	5.2	3.7	3.7	3.6	4.6	4.6	6.0	10
11	4.5	4.4	4.1 B	12.9	16.2	4.9	6.6 E	3.7	4.1	4.6	4.8	13.3	11
12	4.3	4.4	4.0	10.2	12.5	4.7	6.6 E	3.7	4.7	5.0	5.8	9.4	12
13	4.3	4.2 B	4.0	9.7	11.2	5.4	3.3 E	3.6	3.4	4.8	5.4	7.6	13
14	4.2	4.4	4.1	7.7	10.1	4.5	3.3 E	3.5	3.5 E	5.9	10.3	6.9	14
15	4.2	4.7	4.8	7.3	8.0	5.1	3.3 E	3.8	3.7	5.1	9.0	6.2	15
16	4.1	4.5	5.8	8.9	7.1	5.7	3.5 E	6.1	3.7	6.7	6.4	6.4 B	16
17	4.2	3.9	20.5	10.9	7.0	5.0	3.5 E	8.2	3.8	6.1	6.3	5.4	17
18	7.2	3.7	76.3	40.3	16.3	6.0	3.8 E	5.1	3.2	5.4	8.3	5.7	18
19	9.9	3.6	52.0	22.7	32.0	6.6	3.8 E	6.9	3.2	5.5	13.2	5.7	19
20	6.4	3.7	34.2	12.1	13.3	5.4	3.8 E	4.0	3.1	12.1	11.9	5.9 B	20
21	5.1	4.2	89.5	10.2	10.6	4.9	3.8 E	3.4	3.3	8.0	7.0	5.6	21
22	4.8	4.5	25.7	10.7	9.2	4.8	3.8 E	3.4	3.3	6.1	6.0	5.8 B	22
23	4.9	4.7	23.4	18.0	8.0	5.8	3.8 E	3.5	3.6	5.3	6.3	5.6 B	23
24	31.1	4.4	28.5	15.4	7.8	6.3	4.3	3.4	3.9	5.4	6.1	5.7 B	24
25	32.3 B	4.4	45.4	11.0	7.4	5.6	12.3	3.4	3.9	5.4	5.9	5.8 B	25
26	15.0 B	4.4	21.6	9.6	6.6	5.2	7.6	3.4	4.0	5.2	5.8	5.9 B	26
27	10.0 B	4.4	14.5	9.3	6.2	4.9	5.8	3.4	4.1	5.2	5.7	6.0 B	27
28	7.2 B	4.4	13.5	13.9	6.1	4.3	13.7	3.5	3.8	5.1	5.4	5.8 B	28
29	5.4 B		17.1	14.6	5.7	4.3	7.4	3.4	3.9	5.0	5.4	5.6 B	29
30	19.7		11.4	10.9	5.6	5.1	5.5	4.2	4.1	4.8	5.6	5.5 E	30
31	71.1		10.9		5.4		4.7	3.7		4.5 E		5.3 E	31

TOTAL	307.2	152.2	557.7	443.6	310.0	173.0	159.9	138.2	109.6	168.5	215.7	192.4	TOTAL
MEAN	9.9	5.43	17.99	14.78	10.0	5.76	5.15	4.45	3.65	5.43	7.15	5.02	MEAN
AC-FT	609.33	301.88	1106.19	879.88	619.88	343.14	317.16	274.11	217.39	334.21	427.84	351.62	AC-FT
MAX	71.1	17.6	89.5	40.3	32.0	10.5	13.7	8.6	4.1	12.1	19.0	15.3	MAX
MIN	4.1	3.6	3.7	7.3	5.4	4.3	3.3	3.4	3.1	4.3	4.6	5.1	MIN

SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 8.0 CFS

TOTAL DISCHARGE, 5810 AC-FT

MAXIMUM DAILY DISCHARGE, 89.5 CFS

MINIMUM DAILY DISCHARGE, 3.1 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT 0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 7.9 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.0 E	4.6	3.5	13.2	8.0	4.4	3.6	3.8	3.7	3.8	8.8	6.0	01
02	5.0 E	5.9	3.5	28.0	8.0	4.2	3.9	3.3	3.2	3.9	6.2	5.8	02
03	5.0 E	22.3	3.7	28.5	5.7	4.1	3.9	3.3	3.4	4.2	5.5	5.6	03
04	5.0 E	11.8	4.9	24.4	6.2	4.1	4.2	3.2	3.9	4.3	5.1	8.0	04
05	5.2 E	5.8 B	6.9	24.1	6.4	3.9	4.0	3.2	3.8	4.5	4.8	6.3	05
06	5.1 E	4.7	7.0	30.2	6.5	3.9	3.5	3.1	3.5	3.8	4.6	6.5 B	06
07	5.2 E	4.5	6.6	46.1	6.1	3.8	3.4	3.2	3.3	3.6	4.4	11.2 B	07
08	5.1 E	4.3	6.8 B	65.9	8.1	3.8	3.3	3.1	4.5	3.6	4.3	5.4	08
09	4.7 E	4.2	5.8 B	68.0	7.3	3.7	3.4	3.1	4.5	3.7	4.5	12.9	09
10	4.6 E	4.4	5.4 B	33.4	6.6	3.9	4.8	3.3	3.9	3.8	6.0	12.8	10
11	4.7 E	4.6 B	4.9	15.7	6.4	4.0	4.5	3.1	3.6	3.9	6.8	7.8	11
12	4.7 E	4.6 B	4.7	15.1	5.8	3.6	3.9	3.8	4.2	6.6	6.0 B	12	
13	4.5 E	4.8 B	4.8	14.3	5.6	3.5	3.4	4.1	3.5	4.5	5.7	6.3	13
14	4.7 B	4.8 B	5.0	19.2	5.5	3.6	4.1	3.4	4.8	5.1	6.2	14	
15	4.7 d	4.6 B	4.6	16.4	6.3	3.7	4.3	3.3	3.6	4.5	5.1	6.0 B	15
16	4.4 B	4.2	4.7 B	14.2	10.2	3.6	4.1	3.3	4.1	4.1	5.0	6.0 B	16
17	4.3 B	4.0	4.7 B	13.4	12.0	4.5	3.8	3.2	3.7	4.5	5.1	6.2 B	17
18	4.3 B	4.0	5.7	13.2	7.5	4.3	3.6	3.1	4.3	4.2	5.2	6.0	18
19	4.3 B	4.1 B	9.7	11.1	6.2	4.0	3.5	3.8	3.9	3.8	5.5	6.1	19
20	5.1 B	4.0 B	15.7	30.3	5.3	3.7	10.0	3.7	3.8	3.8	12.9	6.2	20
21	4.5 B	3.9 B	17.0	22.0	4.9	3.7	6.3	3.3	3.9	6.4	11.2	5.9 B	21
22	4.5 B	3.8	21.7	15.6	5.7	3.6	4.2	3.2	3.6	9.0	6.4 B	22	
23	4.5 B	3.9 B	23.3	12.9	5.9	3.4	3.7	3.2	3.4	6.1	6.5	6.0 B	23
24	4.5 B	3.8	23.3	14.7	4.9	3.4	3.5	3.1	3.7	4.7	5.6	5.7 B	24
25	4.4 B	3.8 B	27.6	16.1	5.0	3.5	3.5	3.1	7.7	4.3	5.3	5.6	25
26	4.3 B	3.7 B	35.8	11.8	6.2	3.5	3.5	3.1	6.0	4.2	5.5	5.6	26
27	4.0 B	3.7 B	34.1	9.7	5.2	3.6	3.1	6.7	4.1	6.4	5.5	5.7	27
28	4.2 B	3.6	23.3	8.1	4.8	3.9	3.5	3.1	4.3	4.0	10.0	5.4 B	28
29	5.8 B	18.2 B	7.1	4.5	3.9	3.5	3.1	3.9	4.7	7.8	5.3 B	29	
30	5.4 B	14.7 B	7.3	4.3	3.7	3.4	4.0	4.0	6.4	7.0	5.2 B	30	
31	4.9 B		11.7 B		4.1		3.5	4.1		13.5		5.3 B	31
TOTAL	146.6	146.4	369.3	650.0	196.3	116.0	125.4	103.9	122.8	148.9	190.6	205.2	TOTAL
MEAN	4.72	5.22	11.91	21.66	6.33	3.86	4.04	3.35	4.09	4.8	6.35	6.61	MEAN
AC-FT	290.78	290.38	732.5	1289.27	389.36	230.08	248.73	206.08	243.57	295.34	378.05	407.01	AC-FT
MAX	5.8	22.3	35.8	68.0	12.0	5.1	10.0	4.1	7.7	13.5	12.9	12.9	MAX
MIN	4.0	3.6	3.5	7.1	4.1	3.4	3.3	3.1	3.2	3.6	4.3	5.2	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 6.9 CFS

TOTAL DISCHARGE, 5000 AC-FT

MAXIMUM DAILY DISCHARGE, 68.0 CFS

MINIMUM DAILY DISCHARGE, 3.1 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT 0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 7.9 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK NEAR ENNISKILLEN - STATION NO. 02HD212

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.3	4.7 B	11.8 B	11.7	8.5	4.0	5.6	3.9	3.5	3.2	3.0 E	4.5 E	01
02	5.2	4.7 B	8.9 B	43.5	11.0	4.6	5.1	3.8	3.9 E	3.1	4.5 E	4.3 E	02
03	5.2	4.7 B	9.7 B	38.3	8.8	6.2	3.7	3.7	3.6	3.2 E	4.3 E	4.3 E	03
04	5.9	4.7 B	7.3 B	23.9	7.5	5.0	3.9	3.9	3.6	3.9 E	3.3 E	4.2 E	04
05	8.1	5.8 B	7.3 B	20.4	6.8	4.5	4.3	3.5	5.0	3.1	3.4 E	4.5 E	05
06	6.5 B	5.7 B	6.6	24.3	6.1	4.3	5.8	3.4	5.4	3.1	3.5 E	8.2 E	06
07	6.9 B	5.4 B	6.9	35.0	5.8	4.2	10.8	3.4	4.8	3.1	4.3 E	11.3 E	07
08	5.7 B	5.1 B	6.3 B	35.8	6.0	4.8	6.5	3.3	4.0	3.1	3.8 E	8.5 E	08
09	5.6	5.1 B	6.5 B	42.5	6.5	4.6	5.5	3.3	3.6	4.3	6.2 E	13.4 E	09
10	5.6	5.0 B	5.9 B	51.3	5.9	4.1	4.7	3.7	3.9 E	7.7 E	4.1 E	22.3 E	10
11	5.7	5.0 B	5.7 B	45.5	5.2	3.9	4.7	4.1	3.5	5.0 E	4.3 E	19.1 E	11
12	6.6 B	5.0 B	5.4	45.5	5.4	3.9	4.2	3.9	3.5	5.0 E	4.3 E	9.4 E	12
13	6.1 B	4.9 B	5.4	59.4	5.5	7.2	4.8	3.5	4.0	4.3 E	5.0 E	6.5 E	13
14	5.8	4.9 B	5.5	38.0	5.1	5.7	4.6	3.4	3.9	3.9 E	4.2 E	7.0 E	14
15	5.6 B	4.8 B	8.0	27.4	4.8	4.4	3.6	3.4	4.8 E	4.1 E	19.3 E	15	
16	5.4 B	4.8 B	15.3	27.0	5.1	4.2	4.1	3.3	4.1 E	4.5 E	3.7 E	19.4 E	16
17	5.4 B	4.7 B	12.0 B	25.7	4.9	4.0	5.1	2.9	3.9	4.5 E	3.6 E	10.6 E	17
18	5.3 B	4.8 B	8.9 B	24.7	4.6	3.8	4.2	2.9	3.6	4.5 E	3.7 E	6.8 E	18
19	5.3 B	4.9	9.4 B	24.3	4.6	3.8	4.1	3.1	3.6	3.2 E	7.1 E	6.2 E	19
20	5.2 B	6.0	8.6	20.8	5.1	3.8	4.1	3.2	10.3	3.4 E	7.5 E	8.3 E	20
21	5.2 B	7.0	7.3	18.0	4.9	4.0	3.9	3.2	7.6	3.4 E	8.1 E	8.2 E	21
22	5.1 B	6.1	6.7	16.5	4.7	3.6	4.0	3.5	4.1	3.2 E	5.2 E	6.9 E	22
23	5.1 B	7.6	6.2 B	14.8	4.6	3.5	5.0	5.5	3.7	3.3 E	3.8 E	6.4 E	23
24	5.1 B	6.9	6.9 B	12.0	4.4	3.7	4.3	3.6	3.5	5.3 E	3.7 E	9.7 E	24
25	5.1 B	6.3	11.2 B	11.2	5.4	5.2	4.3	3.5	3.3	8.6 E	4.6 E	9.4 E	25
26	5.5 B	6.8	11.8 B	10.7	5.2	5.1	6.2	4.1	3.3	5.5 E	4.4 E	7.4 E	26
27	5.5 B	12.0	6.0	9.8	5.7	4.6	5.8	8.2	3.3	5.3 E	6.1 E	6.6 E	27
28	5.1 B	14.5	6.2	10.1	5.1	8.5	4.4	6.0	3.4	5.0 E	7.0 E	7.1 E	28
29	4.8 B	6.1	11.0	4.5	10.7	4.4	5.3	3.5	3.0 E	5.9 E	6.3 E	29	
30	4.8 B	6.3	9.5	4.3	7.2	4.4	4.0	3.3	3.1 E	5.3 E	5.8 E	30	
31	4.8 B		7.8		4.1		4.1	3.9		4.3 E		6.1 E	31
TOTAL	172.5	167.9	243.9	788.6	170.2	223.6	203.9	120.6	124.1	131.6	140.9	278.0	TOTAL
MEAN	5.56	5.99	7.86	26.28	5.68	7.45	6.57	3.89	4.13	4.24	4.69	8.96	MEAN
AC-FT	342.15	333.02	483.77	1564.18	349.49	443.51	404.43	239.21	246.15	261.02	279.47	551.41	AC-FT
MAX	8.1	14.5	15.3	59.4	11.0	85.0	58.7	8.2	10.3	8.6	6.1	22.3	MAX
MIN	4.8	4.7	5.4	9.5	4.1	3.5	3.7	2.9	3.3	3.0	3.0	4.2	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 7.6 CFS

TOTAL DISCHARGE, 5500 AC-FT

MAXIMUM DAILY DISCHARGE, 85.0 CFS

MINIMUM DAILY DISCHARGE, 2.9 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT 0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 7.9 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
01	6.3 E	5.1 E	6.0 E	13.7 E	22.5 E	6.6 E	5.2 E	3.3 E	4.2 E	4.9 E	6.5 E	7.0 E	01
02	6.8 E	4.7 E	8.3 E	16.2 E	27.5 E	6.4 E	4.3 E	4.3 E	5.4 E	4.4 E	9.1 E	7.5 E	02
03	6.0 E	5.4 E	6.9 E	21.8 E	37.0 E	5.3 E	4.7 E	5.6 E	3.5 E	3.7 E	9.3 E	8.1 E	03
04	6.3 E	5.8 E	6.6 E	24.3 E	22.5 E	5.5 E	4.5 E	5.4 E	3.4 E	3.6 E	7.1 E	6.6 E	04
05	6.0 E	5.7 E	6.2 E	16.3 E	19.4 E	5.1 E	4.2 E	4.6 E	3.3 E	3.6 E	7.2 E	7.0 E	05
06	5.8 E	5.7 E	5.9 E	13.5 E	20.4 E	5.1 E	4.3 E	4.5 E	3.4 E	4.4 E	7.1 E	21.5 E	06
07	5.6 E	5.6 E	6.6 E	11.4 E	20.1 E	4.9 E	4.0 E	6.1 E	3.7 E	5.8 E	4.8 E	13.5 E	07
08	5.1 E	5.5 E	7.9 E	10.0 E	17.0 E	5.0 E	3.8 E	6.7 E	4.3 E	19.2 E	9.5 E	08	
09	6.1 E	5.5 E	5.6 E	11.6 E	14.4 E	5.7 E	3.9 E	7.4 E	4.8 E	4.2 E	13.9 E	9.5 E	09
10	7.6 E	5.4 E	4.5 E	18.6 E	12.8 E	4.8 E	4.3 E	5.7 E	4.3 E	3.8 E	9.5 E	9.0 E	10
11	6.6 E	5.2 E	4.2 E	52.4 E	12.0 E	4.6 E	3.9 E	4.9 E	3.9 E	3.8 E	8.7 E	9.0 E	11
12	5.9 E	4.9 E	4.8 E	79.6 E	11.6 E	4.7 E	3.8 E	5.0 E	3.9 E	4.2 E	8.0 E	10.0 E	12
13	5.0 E	5.6 E	5.3 E	119.0 E	10.8 E	4.9 E	4.0 E	4.8 E	4.0 E	4.3 E	7.3 E	63.4 E	13
14	5.4 E	8.9 E	5.2 E	95.8 E	14.4 E	5.0 E	4.5 E	4.8 E	4.0 E	4.1 E	7.1 E	19.8 E	14
15	5.1 E	6.8 E	5.1 E	68.7 E	19.2 E	5.0 E	5.7 E	4.7 E	3.8 E	4.3 E	7.1 E	14.9 E	15
16	5.0 E	5.9 E	5.0 E	57.8 E	15.3 E	4.5 E	6.9 E	4.6 E	3.8 E	4.3 E	7.1 E	11.5 E	16
17	4.9 E	5.2 E	8.1 E	68.7 E	14.5 E	4.0 E	4.6 E	4.9 E	3.8 E	4.5 E	7.4 E	10.1 E	17
18	4.9 E	5.0 E	8.5 E	54.1 E	12.3 E	4.2 E	4.2 E	4.7 E	3.7 E	4.8 E	7.5 E	9.5 E	18
19	8.1 E	5.2 E	6.4 E	43.4 E	10.5 E	4.2 E	4.0 E	4.5 E	3.8 E	4.9 E	7.3 E	9.5 E	19
20	7.0 E	5.1 E	5.6 E	39.4 E	9.4 E	4.3 E	4.0 E	4.2 E	3.8 E	4.5 E	7.9 E	9.4 E	20
21	5.8 E	5.2 E	5.5 E	36.1 E	8.0 E	7.8 E	3.8 E	4.3 E	3.8 E	4.6 E	6.6 E	8.9 E	21
22	6.4 E	5.3 E	11.3 E	43.3 E	7.6 E	10.5 E	4.0 E	4.3 E	3.6 E	6.0 E	5.9 E	8.9 E	22
23	16.7 E	5.3 E	16.2 E	47.3 E	7.0 E	12.0 E	5.7 E	5.9 E	3.5 E	20.6 E	5.6 E	3.9 E	23
24	10.8 E	5.3 E	13.0 E	43.2 E	6.6 E	15.4 E	4.5 E	5.5 E	3.7 E	11.9 E	5.9 E	9.1 E	24
25	12.3 E	5.2 E	9.1 E	38.5 E	6.3 E	7.6 E	4.7 E	4.8 E	3.6 E	7.6 E	6.2 E	9.3 E	25
26	9.8 E	5.3 E	7.6 E	34.3 E	6.0 E	6.3 E	4.0 E	4.6 E	4.9 E	6.1 E	12.9 E	9.0 E	26
27	7.9 E	5.3 E	6.8 E	31.3 E	5.8 E	5.9 E	3.8 E	11.6 E	4.1 E	6.0 E	12.2 E	9.5 E	27
28	6.9 E	5.4 E	6.7 E	29.0 E	5.6 E	5.1 E	3.6 E	5.3 E	3.8 E	6.5 E	9.1 E	9.1 E	28
29	6.0 E	5.5 E	7.3 E	28.0 E	5.2 E	4.6 E	3.4 E	4.4 E	4.4 E	11.7 E	8.0 E	8.0 E	29
30	5.6 E	9.4 E	9.4 E	24.2 E	6.0 E	5.9 E	3.3 E	4.3 E	9.1 E	8.5 E	7.6 E	8.7 E	30
31	5.2 E		11.1 E		7.5 E		3.3 E	4.0 E		6.6 E		21.0 E	31
TOTAL	214.3	160.0	226.7	1191.6	417.2	181.5	132.9	159.7	125.7	182.5	249.1	378.8	TOTAL
MEAN	6.91	5.51	7.31	39.72	13.45	6.05	4.28	5.15	4.19	5.88	8.3	12.21	MEAN
AC-FT	425.06	317.36	449.65	2363.53	827.51	360.0	263.6	316.76	249.32	361.98	494.08	751.54	AC-FT
MAX	16.7	8.9	16.2	119.0	37.0	15.4	6.9	11.6	9.1	20.6	19.2	63.4	MAX
MIN	4.9	4.7	4.2	10.0	5.5	4.2	3.3	3.3	3.3	3.6	4.8	6.8	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 9.8 CFS

TOTAL DISCHARGE, 7180 AC-FT

MAXIMUM DAILY DISCHARGE, 119 CFS

MINIMUM DAILY DISCHARGE, 3.3 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 3, ABOUT 0.5 MILE WEST OF THE COMMUNITY OF ENNISKILLEN.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 7.9 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

STATION DISCONTINUED DECEMBER 1972.

## BOWMANVILLE CREEK (TYRONE TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD213

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				7.9	4.6	5.7	5.3	6.0	5.0	4.3	6.4	16.7	01
02				8.1	5.6	5.8	5.4	4.0	4.5	2.8	7.7	18.3	B 02
03				11.7	6.1	4.9	3.9	4.1	4.8	5.2	13.6	21.2	B 03
04				6.7	6.2	5.5	5.3	4.8	7.7	5.6	6.1	22.2	B 04
05				6.1	5.5	5.8	4.1	4.6	5.7	4.4	27.3	8.5	B 05
06				7.8	5.9	6.5	5.6	5.9	5.5	4.5	5.7	72.2	06
07				8.6	5.9	5.3	5.2	3.4	5.6	4.8	5.7	86.3	07
08				8.5	4.4	6.1	3.5	6.6	4.0	6.1	7.6	33.5	08
09				8.6	5.7	7.1	4.9	3.3	4.3	3.8	16.4	12.1	09
10				6.9	4.6	11.8	3.7	5.5	2.6	8.3	26.3	38.5	10
11				7.8	4.5	6.1	3.6	4.9	4.1	5.1	11.6	20.4	11
12				7.1	5.2	5.0	6.8	4.7	5.2	5.3	9.8	5.8	12
13				7.0	6.2	6.1	4.6	6.0	4.1	6.0	8.9	10.2	13
14				7.1	5.4	7.2	2.9	3.3	4.9	6.3	7.9	6.8	14
15				6.3	4.3	8.1	3.4	5.4	3.8	5.9	6.1	7.5	15
16				6.0	5.7	8.2	4.5	6.7	4.7	9.0	4.8	7.2	16
17				5.6	5.4	6.9	4.0	5.0	5.1	6.8	4.1	7.2	17
18				6.8	5.4	8.1	4.8	3.4	3.9	6.1	6.5	8.5	18
19				5.6	13.2	4.0	3.6	4.7	5.5	5.5	4.9	7.9	19
20				8.8	7.4	6.4	5.7	5.0	5.7	7.0	6.9	7.6	20
21				7.9	7.5	5.2	4.4	4.1	4.3	5.7	5.1	7.1	21
22				7.1	5.5	4.7	5.3	7.0	9.0	6.1	5.4	4.0	22
23				7.1	4.5	4.8	4.9	7.3	6.2	4.4	5.8	10.7	23
24				10.9	5.0	6.3	5.3	2.5	4.8	5.4	5.6	8.2	24
25				8.3	6.7	5.7	4.0	4.2	5.9	6.2	14.1	6.3	25
26				7.2	5.4	5.0	3.7	5.0	6.6	4.8	5.5	8.9	26
27				8.6	5.9	8.1	4.8	4.8	3.3	6.0	5.4	8.2	27
28				14.2	7.8	5.0	7.3	3.9	4.8	5.9	4.9	28.1	28
29				8.5	6.3	4.6	4.9	5.7	5.0	4.3	23.6	7.9	29
30				10.7	5.9	6.4	3.8	3.9	8.4	9.5	5.7	8.5	30
31				7.9	5.1			4.0	5.8		4.0	6.3	31
TOTAL				214.1	178.7	182.4	139.4	161.1	154.9	172.5	279.7	523.7	TOTAL
MEAN				7.13	5.76	6.08	4.49	5.19	5.16	5.56	9.32	16.59	MEAN
AC-FT				424.66	354.45	301.79	276.49	319.54	307.24	342.0	554.78	1036.75	AC-FT
MAX				11.7	13.2	11.8	6.8	8.4	9.5	9.0	28.1	86.3	MAX
MIN				5.0	4.3	3.7	2.5	3.3	2.6	2.8	4.1	5.8	MIN

## SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 86.3 CFS

MINIMUM DAILY DISCHARGE, 2.5 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT 0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

REGULATED

DRAINAGE AREA: 4.0 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## BOWMANVILLE CREEK (TYRONE TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD213

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.3 B	7.9 B	8.8 B	27.4	7.9		7.2	8.6	6.0	5.8	6.4	8.8 B	01
02	6.3 B	8.8 B	8.5 B	25.6	13.4		15.0	8.2	5.7	7.3	25.7	8.8 B	02
03	10.7 B	8.8 B	7.1 B	46.0	10.8		6.0	8.1	5.3	7.1 E	11.4	8.2 B	03
04	10.0 B	12.2 B	7.4 B	8.1	8.2		6.4	8.2	5.8	6.8 E	9.0	8.8 B	04
05	9.0 B	11.8 B	9.8	9.5	8.2		6.4	7.3	5.8	6.6 E	6.7	10.3	05
06	12.9 B	9.3 B	9.3 B	19.5	8.6		5.2	7.7	6.4	6.3 E	7.0	8.2	06
07	10.0 B	19.3 B	7.9 B	17.5	9.1		9.1	7.6	6.2	6.6 E	6.4	8.3	07
08	10.0 B	12.9 B	9.3 B	11.6			6.7	10.0	6.1	6.8 E	7.4	10.2	08
09	11.8 B	14.1 B	7.9 B	11.5			8.9	8.4	6.8	7.6 E	8.2	7.2	09
10	9.6 B	12.9 B	10.3 B	23.7		17.1	13.1	12.4	5.7	6.8 E	7.6	7.6 B	10
11	11.8 B	8.5 B	29.9	8.3		11.4	7.3	7.2	6.5	6.8 E	10.0	6.8 B	11
12	9.6 B	6.8 B	48.3 B	7.3		5.5	7.3	6.1	6.6 E	21.3	16.4	12	
13	8.8 B	7.1 B	49.1 B	9.8		7.6	7.7	6.2	6.6 E	14.7	14.0	13	
14	5.6 B	8.5 B	45.7 B	11.9		6.5	7.1	7.3	6.0	6.2	7.4	8.7	14
15	5.9 B	13.3 B	29.1 B	22.2		8.0	6.9	5.8	6.9	6.2	13.9	8.9	15
16	6.1 B	6.8 B	17.4 B	18.8		6.9	6.5	7.4	6.4	15.7	24.9	8.2	16
17	6.8 B	6.1 B	10.3 B	9.9		8.6	7.4	6.2	5.9	10.3	12.4	7.3	17
18	5.2 B	7.1 B	8.8 B	13.4		8.4	6.8	6.8	6.4	18.6	14.3	9.8	18
19	6.3 B	7.1 B	11.1	10.0		6.6	7.9	6.7	6.5	22.7	11.8	16.0	19
20	7.6 B	7.8	24.0	8.9		7.1	6.2	7.0	6.1	8.7	7.9	9.3	20
21	6.8 B	8.1	24.7	9.8		6.2	6.7	8.2	7.4	7.2	7.6	15.9	21
22	20.2 B	7.8	18.3	24.4		20.2	7.6	7.3	14.1	5.5	53.4	8.9	
23	17.4 B	8.6	17.1	11.1		10.4	7.6	5.3	6.2	17.5	13.0	8.8	23
24	39.1 B	7.8	15.4	9.8		7.8	9.4	6.8	5.1	5.1	9.4	7.9 B	24
25	40.6 B	7.7	33.5	9.4		10.6	8.5	6.8	7.1	5.6	8.1	8.5 B	25
26	15.4 B	9.1	42.2 B	7.6		7.9	7.1	6.4	6.6	6.2	9.1	7.9 B	26
27	7.6 B	8.2 B	38.4 B	7.6		7.1	8.9	6.3	8.5	7.7	7.5	7.4 B	27
28	8.2 B	8.2 B	85.3 B	8.4		6.3	13.2	7.4	17.8	12.0	6.5	7.6 B	28
29	9.3 B		38.7	6.9		7.4	8.9	6.8	24.7	5.3	8.1	7.9 B	29
30	5.9 B		22.3	7.0		9.8	5.7	7.3	7.6	6.8	8.3	7.1 B	30
31	6.8 B		23.8				9.1	10.0		6.3		7.4 B	31
TOTAL	347.6	262.6	719.7	422.9			247.8	231.8	227.9	261.3	321.4	333.6	TOTAL
MEAN	11.21	9.37	23.21	14.09			7.99	7.47	7.59	8.42	10.71	10.76	MEAN
AC-FT	689.46	520.86	1427.52	838.82			491.51	459.77	452.03	518.28	637.49	661.69	AC-FT
MAX	40.6	19.3	85.3	46.0			15.0	12.4	24.7	22.7	25.7	53.4	MAX
MIN	5.2	6.1	7.1	6.9			5.2	5.3	5.1	5.1	6.4	7.1	MIN

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 85.3 CFS  
MINIMUM DAILY DISCHARGE, 5.1 CFSLOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT  
0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 4.0 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.B - ICE CONDITIONS  
E - ESTIMATED  
REGULATED

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.6 B	82.9	9.6 B	19.5	9.4	7.0	5.0	7.1	4.8	57.9	9.6 E	01	
02	8.5 B	506.0	10.3 B	13.4	10.8	5.9	4.3	5.2	14.0	47.3	8.4	02	
03	7.9 B	223.0	7.9 B	12.1	9.3	6.9	4.3	5.6	7.1	82.3	11.6	03	
04	7.4 B	7.9 B	8.8 B	18.3	9.2	5.7	4.8	3.9	4.7	58.1	20.7	04	
05	8.5 B	20.7 B	7.4 B	17.6	6.9	5.1	7.3	4.5	9.4	46.4	18.1	05	
06	9.0 B	12.6 B	10.7 B	10.9	7.8	6.3	4.3	8.1	61.9	46.4	10.0	06	
07	8.8 E	11.9	8.2 B	13.9	8.2	5.3	3.7	5.7	7.1	61.1	8.0	07	
08	8.5 E	11.7	9.0 B	12.8	7.1	5.1	3.6	6.2	5.9	59.4	7.9	08	
09	7.9 E	11.5	8.2 B	11.8	9.7	5.5	4.7	10.9	8.5	52.5	5.3 B	09	
10	7.6 E	6.8 B	7.6 B	11.2	15.0	5.9	5.1	5.5	8.2	56.6	8.2 B	10	
11	7.4 E	7.2	12.6 B	11.4	7.2	5.5	4.6	5.1	13.5	62.7	10.4 B	11	
12	6.8 E	6.8 B	9.0 B	10.7	14.5	6.2	6.2	5.4	10.4	65.1	7.3 B	12	
13	10.7 E	8.7	11.8 B	12.1	9.2	5.3	4.5	7.8	6.0	53.6	16.0 B	13	
14	9.0 E	6.8 B	9.0 B	11.5	7.1	4.3	5.7	6.0	3.5	59.4	14.5	14	
15	6.8 B	8.2 B	7.6 B	15.7	9.7	5.1	5.0	6.3	3.9	53.8	9.3	8.6 B	15
16	7.6 B	8.8 B	311.0	9.4	16.6	4.3	4.8	6.6	5.2	13.7	12.6	11.1 B	16
17	7.1 B	478.0	10.4	17.1	5.4	5.7	9.1	5.6	11.4	5.0	10.0 B	17	
18	6.3 B	6.8 B	370.0	10.8	8.7	5.0	4.9	6.4	4.7	9.1	9.5	5.3 B	18
19	8.5	7.1 B	197.0	11.1	11.2	4.5	5.4	7.9	5.3	12.9	9.8	4.2 B	19
20	8.6	7.1 B	32.7	10.3	24.4	4.5	5.3	7.4	4.6	5.9	8.4	5.3 B	20
21	7.1	9.6 B	20.6	10.1	8.2	7.2	4.2	7.2	4.4	6.5	7.5	9.6 B	21
22	7.4	7.6 B	14.4	11.4	7.7	5.2	6.8	18.0	4.6	7.0	8.7	8.9 B	22
23	9.3	7.1 B	13.0	11.2	7.2	5.7	6.1	23.4	6.6	6.9	10.1	8.9 B	23
24	7.4	7.1 B	14.1	11.4	8.0	6.8	4.7	5.8	33.4	5.8	12.2 E	5.9 B	24
25	7.0	6.1 B	17.2	11.7	6.4	6.0	4.4	5.1	33.9	6.2	10.0 E	7.3 B	25
26	6.9	12.6 B	18.2	10.0	6.2	13.3	4.8	6.8	70.2	6.9	8.2 E	7.9 B	26
27	9.5	8.5 B	28.0	7.9	7.4	6.5	4.8	5.4	49.4	5.0	8.2 E	7.0 B	27
28	6.3	8.8 B	24.7	7.9	6.0	6.3	4.5	5.6	63.0	6.8	18.9 E	6.4 B	28
29	7.6	8.8 B	23.3	8.2	13.8	5.6	5.0	8.8	37.5	4.9	25.6 E	8.2 B	29
30	43.0		24.5	7.5	10.5	4.6	5.9	6.3	65.8	5.3	11.1 E	8.2 B	30
31	51.4		22.9		6.6		7.3	6.7		7.6		6.5 B	31
TOTAL	323.4	1045.8	1747.3	352.2	307.1	176.0	157.7	229.8	563.1	984.5		285.3	TOTAL
MEAN	10.43	36.06	56.36	11.74	9.9	5.86	5.08	7.41	18.77	31.75		9.2	MEAN
AC-FT	641.46	2074.34	3465.76	698.58	609.13	349.09	312.79	455.8	1116.9	1952.75		565.89	AC-FT
MAX	51.4	506.0	478.0	19.5	24.4	13.3	7.3	23.4	70.2	82.3		20.7	MAX
MIN	6.3	6.1	7.4	7.5	6.0	4.3	3.6	3.9	3.5	4.9		4.2	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 506.0 CFS  
MINIMUM DAILY DISCHARGE, 3.5 CFSLOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT  
0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 4.0 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.B - ICE CONDITIONS  
E - ESTIMATED  
REGULATED

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	5.9 B	92.3	7.4	7.4	8.4	6.5 E	8.0	9.6	5.7	4.9	6.0	7.3	01	
02	6.8 B	15.2	7.1	33.6	6.1	7.9 E	6.6	13.0	7.1	6.4	21.4	7.5	02	
03	6.2 B	11.1 B	7.9	10.6	8.0	8.9 E	6.3	9.0	6.4	6.6	10.2	5.3 B	03	
04	4.8 B	10.0	8.0	10.4	5.8	7.9	6.8	7.2	5.5	6.1	7.3	6.5 B	04	
05	6.8 B	7.3 B	7.0 B	8	28.7	7.3	6.7	6.6	4.4	6.2	4.8	7.8	6.9 B	05
06	6.2 B	7.8	8.6 B	15.0	6.4	9.1	6.4	4.2	4.1	6.2	10.2	9.6 B	06	
07	7.0 B	5.3 B	5.3 B	11.4	7.1	6.7	7.2	4.2	5.5	6.8	9.4	6.6 B	07	
08	7.9 B	5.3 B	6.2 B	11.3	12.7	6.7	5.0	6.7	6.5	7.3	7.6	11.1 B	08	
09	6.5 B	7.5	5.9 B	11.8	13.8	7.0	5.6	6.2	8.1	7.7	11.6	8.6 B	09	
10	8.2 B	7.6	6.8 B	23.0	13.3	6.2	5.4	5.4	13.5	5.2	6.9	10.2	10	
11	6.5 B	7.6 B	5.3 B	12.6	11.7	7.3	7.4	6.0	19.6	5.6	6.8	13.5 B	11	
12	6.8 B	8.7	5.3 B	10.1	9.3	7.6	11.3	7.5	24.7	6.5	8.0	6.2 B	12	
13	7.3 B	7.0 B	5.3 B	9.1	9.2	5.0	6.2	4.9	20.1	5.8	6.7	8.9	13	
14	10.0 B	7.9 B	5.3 B	9.7	8.3	6.2	6.4	5.5	18.8	7.6	9.1	7.5	14	
15	10.4 B	4.8 B	7.0 B	10.1	7.9	6.0	6.4	6.6	22.3	4.7	7.0	8.0	15	
16	8.9 B	9.6 B	6.8 B	10.4	6.9	8.6	5.0	6.8	24.6	7.5	6.4	9.7	16	
17	11.1 B	9.6 B	19.3	17.0	5.6	7.3	7.0	24.3	24.4	8.0	7.7	8.3	17	
18	17.0 B	5.9 B	30.4	44.6	17.3	6.0	4.4	5.4	37.7	6.1	6.2	6.1	18	
19	7.0 B	6.2 B	25.5	16.5	33.0	8.7	7.3	12.0	32.5	5.7	10.7	5.9 B	19	
20	7.3 B	8.3	16.1	6.4	10.8	6.8	5.1	6.3	31.1	15.5	11.3	9.6 B	20	
21	8.6 B	7.3	34.9	9.4	6.0	5.1	6.5	7.5	28.3	9.3	7.2	7.6 B	21	
22	8.2 B	9.7	14.4	8.7	7.0	5.3	5.9	5.7	18.0	5.9	7.5	5.9 B	22	
23	11.7	7.9	13.5	17.3	6.3	7.6	5.9	6.9	5.9	7.9	5.9	8.6 B	23	
24	90.9	12.6	26.4	12.3	6.8	9.6	6.5	5.8	4.9	7.6	7.0	8.2 B	24	
25	44.0 B	6.2	38.0	5.8	6.1	5.7	19.8	7.1	6.0	8.3	6.3	9.6 B	25	
26	7.0 B	8.8	16.6	6.3	6.6	4.3	18.5	5.3	5.7	8.0	6.9	8.2 B	26	
27	6.8 B	7.3	6.8 B	8.6	6.9	7.8	4.2	6.5	5.7	8.8	5.9	6.8 B	27	
28	8.6 B	6.1	5.6 B	12.7	6.9	7.5	11.2	5.4	3.2	6.2	4.9	7.9 B	28	
29	8.2 B	6.2 B	6.2 B	10.2	7.0	5.3	11.9	6.2	6.6	7.0	5.9	6.5 B	29	
30	115.0		6.5 B	6.2	7.4	6.2	7.3	5.7	4.8	6.7	5.3	4.8 B	30	
31	205.0			6.5 B		6.5		6.3	5.4		7.5	6.8 B	31	

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 10.5 CFS  
 TOTAL DISCHARGE, 7590 AC-FT  
 MAXIMUM DAILY DISCHARGE, 205.0 CFS  
 MINIMUM DAILY DISCHARGE, 3.2 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT 0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 4.0 SQUARE MILES.  
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED

REGULATED

## BOWMANVILLE CREEK (TYRONE TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD213

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	8.6 B	6.5 B	8.6 B	10.3	9.4	7.2	5.6	7.1	5.9	6.9	14.4	8.6 E	01
02	8.6 B	16.4	7.6 B	21.2	7.2	6.6	6.8	5.5	6.1	7.0	9.3	7.9 E	02
03	9.3 B	4.8 B	8.6 B	21.9	7.2	8.0	6.3	9.5	5.7	8.4	8.7	7.6 E	03
04	9.3 B	6.2 B	8.6 B	14.5	8.0	5.3	6.6	4.0	7.0	8.3	7.5	10.4 E	04
05	7.0 B	8.6 B	51.7 B	8	14.7	7.3	6.5	7.0	4.7	6.7	6.2	9.5	05
06	6.5 B	7.3 B	7.6 B	12.9	6.9	5.8	5.9	5.4	5.9	5.3	7.2	7.5	06
07	8.9 B	5.6 B	16.3	7.4	5.9	6.1	5.2	9.3	5.8	7.5	8.9 B	07	
08	9.3 B	6.8 B	7.6 B	18.0	9.1	6.9	5.4	6.8	6.8	8.9	7.3 B	08	
09	6.5 B	6.2 B	6.8 B	19.8	8.7	6.2	5.4	6.5	8.5	9.3	18.1	09	
10	5.3 B	7.6 B	5.3 B	14.5	7.4	6.7	8.0	5.8	6.7	10.4 E	15.6	10	
11	6.8 B	7.3 B	7.0 B	8.9	7.7	5.9	10.3	5.2	4.4	5.6	10.7 E	8.9	11
12	7.0 B	5.1 B	7.3 B	9.2	7.5	8.1	6.5	5.9	6.1	8.3	10.6	6.5 B	12
13	7.6 B	6.2 B	5.6 B	9.2	6.9	4.9	6.0	5.7	4.9	11.2	8.7	6.8 B	13
14	5.9 B	8.6 B	6.8 B	11.4	7.5	6.0	5.1	6.1	7.2	6.6	7.9	7.3 B	14
15	6.2 B	6.5 B	6.5 B	12.6	8.1	6.5	7.0	4.0	6.1	8.0	7.3	5.6 B	15
16	7.9 B	7.3 B	7.6 B	11.5	17.7	7.6	7.7	5.8	7.1	7.6	6.3	7.6 B	16
17	8.6 B	7.3 B	21.9	11.1	18.6	5.9	5.9	6.2	6.1	6.2	9.6 B	17	
18	6.8 B	7.9 B	17.7	10.8	8.5	7.2	6.1	4.7	8.6	5.8	6.9	7.9 B	18
19	7.9 B	7.6 B	23.6	9.0	8.4	5.9	5.4	6.7	6.5	7.3	8.8	8.8 B	19
20	9.6 B	8.2 B	23.0	34.1	7.1	5.8	21.5	7.0	6.1	8.0	20.0	6.9	20
21	6.8 B	5.3 B	20.6	18.1	6.2	6.1	12.7	4.8	7.3	10.0	13.7	7.3 B	21
22	5.9 B	6.5 B	21.7	9.4	6.5	7.0	3.3	6.6	6.0	12.6	6.3	9.3 B	22
23	9.6 B	7.9 B	23.3	10.1	7.7	4.0	3.8	5.1	5.9	7.6	7.0	7.3 B	23
24	9.3 B	8.6 B	21.2	14.0	6.6	5.1	6.0	5.2	7.3	7.2	6.5	7.0 B	24
25	6.2 B	6.5 B	19.6	13.1	8.1	7.8	5.8	6.5	14.1	7.3	7.3	7.6 B	25
26	8.2 B	5.3 B	21.9	9.3	10.8	6.0	5.6	5.1	7.6	7.8	7.2	6.5 B	26
27	8.2 B	7.9 B	18.3	9.9	6.5	9.5	5.8	5.9	13.7	7.7	6.8	6.8 B	27
28	7.3 B	9.3 B	13.7	8.3	6.8	5.3	6.4	5.3	4.9	6.2	13.0	7.0 B	28
29	15.2 B	10.7	7.6 B	6.9	7.0	6.4	5.6	5.2	6.7	7.0	8.9	6.2 B	29
30	7.3 B	10.8	8.3	5.8	5.8	4.0	3.3	4.0	6.4	10.3	8.9	7.0 B	30
31	8.9 B		10.2		6.8		5.1	8.9		20.9		8.9 B	31

SUMMARY FOR THE YEAR 1970  
 MEAN DISCHARGE, 8.5 CFS  
 TOTAL DISCHARGE, 6180 AC-FT  
 MAXIMUM DAILY DISCHARGE, 51.7 CFS  
 MINIMUM DAILY DISCHARGE, 3.3 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT 0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 4.0 SQUARE MILES.  
 REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED

REGULATED

## BOWMANVILLE CREEK (TYRONE TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD213

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.5 B	5.9 B	17.4	16.7	8.4	6.0	5.8	4.6	4.8	6.3	6.7	8.7	01
02	5.6 B	6.5 B	13.4	54.8	11.3	4.3	5.0	6.1	6.9	6.1	5.7	7.9 B	02
03	7.6 B	7.0 B	11.9	36.7	7.7	9.5	4.8	5.6	5.8	5.5	7.3	6.8 B	03
04	10.4 B	7.3 B	10.4	17.1	7.9	7.2	4.9	5.1	5.2	7.2	7.3	6.4	04
05	17.8	28.5	7.3 B	15.5	4.2	5.9	6.6	4.3	8.6	5.9	6.4	6.5	05
06	7.9 B	37.0 B	8.6 B	21.4	5.6	4.2	27.8	3.7	8.3	5.9	5.0	10.3	06
07	7.6 B	26.7 B	6.2 B	30.2 E	6.2	6.1	6.0	4.7	7.0	6.3	7.3	11.4	07
08	5.6 B	10.7 B	7.3 B	18.9 E	5.8	6.5	6.0	4.3	5.1	2.5	7.7	9.1	08
09	5.6 B	8.2 B	9.3 B	33.2 E	6.8	6.7	6.1	5.7	4.8	5.1	5.8	12.9	09
10	5.6 B	6.5 B	7.9 B	29.6	7.0	5.2	5.0	4.6	3.8	8.6	7.9	16.3	10
11	5.3 B	7.3 B	7.3 B	20.8	4.2	5.6	5.2	5.0	4.3	6.5	7.3	14.7	11
12	6.8 B	6.8 B	8.2 B	21.6	7.7	4.8	5.3	5.9	4.7	6.8	7.8	7.6	12
13	6.8 B	6.2 B	9.6 B	28.6	8.7	16.3	6.1	4.4	6.6	5.9	8.0	9.1	13
14	5.3 B	6.8 B	9.6 B	22.6	9.6	8.2	6.2	5.3	9.2	7.3	6.5	5.0	14
15	7.6 B	6.2 B	12.1	13.7	6.3	4.1	5.8	4.0	4.2	4.9	9.9	12.6	15
16	8.2 B	6.2 B	20.0	14.0	3.2	6.3	4.6	5.4	5.4	5.3	7.9	17.0	16
17	6.5 B	6.2 B	18.7	14.8	9.5	6.2	5.8	4.2	7.2	6.1	7.4	7.6	17
18	7.3 B	6.2 B	15.7	13.6	6.6	4.2	5.1	6.2	5.6	6.6	7.2	6.4	18
19	7.6 B	6.2 B	14.3	15.3	6.4	5.1	6.5	4.9	5.5	6.4	8.0	5.9	19
20	7.9 B	20.5	12.2	14.0	7.4	4.8	5.4	3.9	19.6	6.4	8.8	7.6	20
21	8.2 B	33.2 B	11.2	12.4	6.6	7.0	5.1	4.4	9.9	5.4	8.6	6.4	21
22	8.2	15.6 B	10.2	10.9	6.3	4.1	5.3	5.4	5.2	6.6	7.8	6.4	22
23	8.6	69.9	9.3	9.5	4.2	4.5	6.8	9.4	6.1	6.2	8.1	9.5	23
24	8.0	34.5 B	8.9	8.1	2.4	5.3	6.3	6.4	5.8	7.4	8.3	11.5	24
25	9.5	10.4 B	9.5	7.7	5.9	7.1	6.4	5.8	7.2	12.6	5.7	10.9	25
26	6.8 B	10.4 B	9.5	10.7	7.2	7.3	8.2	6.4	4.7	4.9	7.2	9.2	26
27	7.3 B	30.2 B	8.6	7.9	6.7	6.2	8.4	9.0	6.4	6.4	7.2	27	
28	7.9 B	20.9	8.0	9.0	6.4	30.8	6.8	11.6	10.1	6.3	7.8	7.5	28
29	6.2 B	8.7	10.3	5.0	7.1	5.3	5.9	9.3	6.0	9.6	7.6	29	
30	6.8 B	10.0	9.4	4.8	5.2	6.4	5.2	6.5	6.5	8.1	5.1	30	
31	5.6 B		11.3		5.9		5.6	6.2		6.2		5.6 B	31
TOTAL	232.6	448.0	332.6	549.0	201.9	211.8	204.6	173.6	203.8	196.1	223.5	276.7	TOTAL
MEAN	7.5	16.0	10.72	18.3	6.51	7.06	6.6	5.6	6.79	6.32	7.45	8.92	MEAN
AC-FT	461.36	888.6	659.71	1088.94	400.46	420.1	405.82	344.33	404.23	388.96	443.31	548.83	AC-FT
MAX	17.8	69.9	20.0	54.8	11.3	30.8	27.8	11.6	19.6	12.6	9.9	17.0	MAX
MIN	5.3	5.9	6.2	7.7	2.4	4.1	4.6	3.7	3.8	2.5	5.0	5.0	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 8.9 CFS

TOTAL DISCHARGE, 6450 AC-FT

MAXIMUM DAILY DISCHARGE, 69.9 CFS

MINIMUM DAILY DISCHARGE, 2.4 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT

0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 4.0 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

REGULATED

## BOWMANVILLE CREEK (TYRONE TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD213

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.3 B	7.0 B	8.2 B	22.5	9.3	7.1	6.3	4.6	5.2	8.1	7.8	8.2	01
02	7.6 B	5.6 B	7.0 B	24.7	13.1	7.4	11.3	7.0	6.2	7.0	10.3	7.2	02
03	7.9 B	4.8 B	6.5 B	30.7	18.2	5.2	7.4	8.1	9.8	6.0	10.5	7.4	03
04	7.3 B	5.9 B	7.6 B	29.1	10.7 E	6.1	6.3	5.8	5.8	5.1	8.1	7.9 B	04
05	5.9 B	6.5 B	6.5 B	16.5	9.3 E	5.3	4.1	5.7	5.3	6.7	8.5	7.6 B	05
06	7.6 B	7.0 B	6.8 B	12.9	8.2 E	5.4	4.4	4.6	4.0	8.6	7.8	15.7	06
07	8.2 B	6.5 B	7.9 B	5.9 B	9.0	6.4	5.5	7.2	3.5	11.2	8.1	8.4	07
08	9.6 B	6.8 B	9.6 B	5.6 B	6.4	5.4	6.7	11.1	12.1	6.7	23.3	7.0	08
09	8.2 B	5.9 B	8.2 B	8.6 B	7.3	6.8	4.9	10.6	6.8	6.3	11.6	8.5	09
10	8.2 B	6.8 B	5.9 B	20.7	6.3	5.7	6.7	7.0	4.9	5.1	9.0	8.1	10
11	9.6 B	7.0 B	7.0 B	53.9	5.4	6.0	5.1	6.3	6.1	6.4	8.5	7.9	11
12	8.9 B	8.2 B	7.3 B	47.8	6.2	5.8	5.2	5.7	6.1	7.9	8.0	12	
13	8.6 B	10.4 B	8.9 B	82.8	5.7	6.6	6.2	4.5	9.6	6.7	8.7	43.6	13
14	6.5 B	51.7 B	7.6 B	36.8	7.5	3.6	8.2 E	7.6	7.6	6.5	7.3	14.6	14
15	6.5 E	63.1 B	5.9 B	30.3	10.7	6.6	10.0 E	4.9	6.8	6.8	7.7	10.0	15
16	6.5 E	18.9 B	15.6 B	27.0	10.5	5.8	17.7	4.7	5.1	6.8	8.6	8.9 B	16
17	5.6 B	7.6 B	32.6 B	37.0	8.8	5.9	4.3	7.2	6.4	5.5	7.2	8.9 B	17
18	11.1 3	6.5 B	15.2 B	24.1	7.3	5.4	4.8	4.0	5.6	6.1	7.5	7.9 B	18
19	18.4 B	7.3 B	6.8 B	22.0	6.4	5.5	6.2	5.4	5.9	6.9	7.1	11.4 B	19
20	15.2 B	6.5 B	6.2 B	19.7	5.4	5.6	5.4	5.1	3.8	5.8	11.8	7.6 B	20
21	7.3 B	6.8 B	10.7 B	13.5	6.9	5.5	6.5	4.8	4.2	6.3	7.8	5.4	21
22	7.6 B	6.5 B	19.8 B	24.6	5.8	12.4	5.9	10.8	5.6	9.0	7.1	9.2	22
23	17.0 B	7.0 B	20.8 B	17.7	5.7	13.1	7.3	9.2	4.9	29.1	6.8	8.8	23
24	7.6 B	6.5 B	16.6 B	10.2	5.1	17.4	6.7	5.5	6.4	14.1	7.5	9.4	24
25	5.9 B	6.2 B	10.7 B	11.2	5.1	7.2	6.1	2.7	5.9	7.4	7.9	9.7	25
26	5.3 B	5.6 B	7.6 B	11.7	5.3	3.6	5.5	4.3	9.2	8.0	12.7	10.5	26
27	5.9 B	7.6 B	7.0 B	9.6	5.8	4.4	6.2	18.5	6.8	7.8	12.9	10.8	27
28	5.9 B	8.9 B	8.4	10.2	4.9	5.9	5.3	6.5	5.5	8.2	12.8	9.1	28
29	5.6 B	8.2 B	10.7	8.5	5.6	5.8	4.4	4.5	6.7	15.5	8.2	7.0 B	29
30	5.9 B	15.7	8.9	6.2	5.6	5.1	5.8	13.0	9.5	6.9	14.3 B	30	
31	6.5 B		18.5		7.8		7.0	5.1		7.4		22.4 B	31
TOTAL	255.2	313.3	333.8	684.7	235.9	200.2	203.3	204.3	194.4	256.7	277.9	331.4	TOTAL
MEAN	8.23	10.8	10.76	22.82	7.6	6.67	6.55	6.59	6.48	8.28	9.26	10.69	MEAN
AC-FT	506.18	621.43	662.09	1358.1	467.9	397.09	403.24	405.22	385.59	509.16	551.21	657.33	AC-FT
MAX	18.4	63.1	32.6	82.8	18.2	17.4	17.7	18.5	13.0	29.1	23.3	43.6	MAX
MIN	5.3	4.8	5.9	5.6	4.9	3.6	4.1	2.7	3.5	5.1	6.8	5.4	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 9.5 CFS

TOTAL DISCHARGE, 6920 AC-FT

MAXIMUM DAILY DISCHARGE, 82.8 CFS

MINIMUM DAILY DISCHARGE, 2.7 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 57, ABOUT

0.75 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 4.0 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

STATION DISCONTINUED DECEMBER 1972.

B - ICE CONDITIONS

E - ESTIMATED

REGULATED

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01								6.4	7.1	8.9	9.1	13.9	1
02								7.8	6.8	8.7	13.9	12.9	2
03								6.9	6.8	6.2	15.5	13.0	3
04								6.3	12.2	8.5	10.1	13.1	4
05								6.4 E	7.9	8.2	9.0	14.4	5
06								6.1 E	7.8	7.9	8.8	33.1	6
07								6.4 E	7.3	7.8	8.9	87.6	7
08								6.4 E	7.0	7.8	12.8	44.4	8
09								6.6 E	6.8	7.9	21.9	24.3	9
10								6.4 E	6.6	10.3	26.9	49.0	10
11								7.5 E	6.6	9.3	16.0	27.8	11
12								6.6 E	6.7	9.7	11.8	17.6	12
13								6.1 E	7.0	9.1	10.6	15.2	13
14								6.1 E	7.1	8.9	10.4	14.7	14
15								6.4 E	7.6	9.6	11.1	14.3	15
16								7.2 E	7.2	12.2	10.3	14.7	16
17								7.2 E	7.2	9.3	10.9	15.5	17
18								7.1	7.1	8.9	10.6	16.5	18
19								6.8	7.2	8.9	10.9	11.5	19
20								6.5	7.2	9.4	10.4	10.4	20
21								6.5	9.2	8.6	9.8	10.8	21
22								10.6	12.2	8.6	9.7	10.4	22
23								9.5	10.3	8.3	9.9	10.4	23
24								7.5	8.7	8.2	11.2	10.0	24
25								7.4	8.2	8.2	20.1	10.0	25
26								7.4	8.1	8.3	13.9	9.7	26
27								6.9	8.0	8.3	12.0	9.7	27
28								6.7	8.1	8.4	34.4	9.7	28
29								6.8	10.4	8.3	33.0	9.3	29
30								7.7	11.4	8.2	16.5	9.3	30
31								7.9		8.7		8.9	31
TOTAL								218.1	241.8	271.6	420.4	572.7	TOTAL
MEAN								7.03	8.06	8.76	14.01	18.47	MEAN
AC-FT								432.6	479.61	538.71	833.86	1135.95	AC-FT
MAX								10.6	12.2	12.2	34.4	87.6	MAX
MIN								6.1	6.6	7.8	8.8	8.9	MIN

## SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 87.6 CFS  
MINIMUM DAILY DISCHARGE, 6.1 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT  
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 10.1 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	8.9 B	7.2 B	5.5 B	43.0	10.1	8.4	14.9	9.9	8.7	10.7	11.0	9.8 B	1
02	8.5 B	6.9 B	5.5 B	94.4	14.8	8.0	17.8	8.9	8.2	9.7	40.6	9.8 B	2
03	8.2 B	6.9 B	5.5 B	68.4	15.2	7.7	13.9	10.8	8.1	9.5	22.9	9.7	3
04	7.8 B	6.6 B	5.5 B	19.3	11.7	7.9	10.4	12.0	8.0	9.1	18.8	9.7 B	4
05	7.5 B	6.6 B	5.5 B	19.5	10.8	7.7	9.1	9.5	7.8	9.0	14.2	9.0	5
06	7.2 B	6.1 B	5.5 B	31.8	10.0	8.0	8.7	8.6	7.7	8.6	12.7	9.8	6
07	7.2 B	6.4 B	5.5 B	21.9	11.7	8.3	8.6	8.4	7.8	8.6	11.8	10.0	7
08	7.2 B	6.4 B	5.5 B	18.2	16.0	11.4	8.3	9.7	7.8	9.0	11.4	11.7	8
09	7.2 B	6.1 B	5.5 B	18.5	14.5	9.8	10.3	12.8	7.9	10.1	13.0	11.1	9
10	7.2 B	6.1 B	5.8 B	26.5	13.3	19.2	9.8	15.5	8.0	9.3	12.5	11.0 B	10
11	7.2 B	6.1 B	18.2 B	16.0	14.8	9.3	9.8	7.7	9.1	15.7	12.2	11	
12	7.2 B	5.8 B	39.0 B	14.2	14.1	9.7	10.2	8.7	7.6	8.9	43.4	35.8	12
13	7.2 B	6.1 B	21.5 B	14.4	11.0	9.7	9.9	8.5	7.6	9.1	26.1	17.6	13
14	7.2 B	5.8 B	20.4 B	21.0	9.9	8.9	8.2	7.5	10.0	16.3	12.7	14	
15	6.9 B	5.8 B	25.3 B	30.6	10.5	10.9	8.6	8.2	7.6	9.6	13.9 B	11.4	15
16	6.6 B	5.8 B	13.8 B	19.1	9.7	10.2	8.4	8.1	7.5	16.7	13.7 B	10.9	16
17	6.6 B	5.8 B	10.0 B	19.6	9.2	12.0	8.2	8.1	7.7	17.3	14.2	10.8	17
18	6.6 B	5.5 B	8.5 B	18.9	9.5	11.6	8.0	8.2	7.7	30.0	28.4	17.0	18
19	6.6 B	5.8 B	7.8	15.2	16.8	8.7	8.0	8.5	7.6	45.1	19.8	22.0	19
20	6.6 B	6.1 B	7.2	13.7	12.6	8.3	7.9	10.2	7.9	16.0	13.5	13.6	20
21	6.6 B	5.5 B	8.5	13.6	10.5	8.3	7.6	8.9	11.8	13.3	12.2 B	61.8	21
22	6.9 B	5.5 B	29.0	11.2	25.8	7.5	8.5	12.2	11.9	15.2	40.9	22	
23	13.8 B	5.5 B	6.6	15.7	10.5	11.9	11.8	8.3	9.2	11.0	24.5	17.1 B	23
24	21.3 B	5.5 B	12.0	14.1	9.9	10.0	11.3	8.2	9.6	10.9	17.3	13.8 B	24
25	44.8 B	5.5 B	20.4	12.6	9.5	14.5	9.7	8.2	9.2	14.1	15.0	13.8 B	25
26	21.1 B	5.5 B	84.2	11.7	9.2	10.2	8.3	8.4	8.7	14.7	16.8	13.2 B	26
27	14.5 B	5.5 B	92.8	11.2	9.4	8.9	11.1	9.0	8.8	13.6	13.4	12.7 B	27
28	14.0 B	5.5 B	48.0	10.6	9.1	8.4	15.0	9.9	24.2	19.6	10.7 B	12.1 B	28
29	13.8 B	54.1	10.3	8.8	10.4	9.4	8.7	28.7	13.2	10.1 B	11.4 B	29	
30	13.6 B	39.0	10.2	8.7	12.0	8.6	9.0	11.9	11.6	9.9 B	10.5 B	30	
31	13.3 B	38.2		8.6			12.8	9.9		11.3		8.7 B	31
TOTAL	329.3	167.9	637.7	683.2	351.6	320.9	312.1	289.6	288.7	410.8	521.6	466.1	TOTAL
MEAN	10.62	5.99	20.57	22.77	11.34	10.69	10.06	9.34	9.62	13.25	17.38	15.74	MEAN
AC-FT	653.16	333.02	1264.87	1355.12	697.39	636.5	619.05	574.42	572.63	814.82	1034.59	908.14	AC-FT
MAX	44.8	7.2	92.8	94.4	10.8	25.8	17.8	15.5	28.7	45.1	43.4	61.8	MAX
MIN	6.6	5.5	5.5	10.2	8.6	7.7	7.5	8.1	7.5	8.6	9.9	8.7	MIN

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 13.2 CFS  
TOTAL DISCHARGE, 9520 AC-FT  
MAXIMUM DAILY DISCHARGE, 94.4 CFS  
MINIMUM DAILY DISCHARGE, 5.5 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT  
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 10.1 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.1 B	30.4 B	7.5 B	22.3	13.7	11.2	8.2	10.7	8.0	8.8	9.3	14.2	01
02	6.9 B	237.0 B	7.1 B	16.2	15.0	11.6	7.8	8.0	10.4	8.6	4.5	15.0	02
03	7.2 B	48.1 B	7.1 B	15.9	13.3	11.4	7.8	7.7	10.0	13.1	9.3	16.3	03
04	7.2 B	12.8 B	7.1 B	43.3	13.5	10.1	7.8	7.4	8.8	10.0	9.5	32.5	04
05	7.1 B	9.9 B	7.1 B	22.1	11.5	9.5	7.9	7.4	10.2	9.6	9.5	25.4	05
06	7.3 B	9.5 B	7.1 B	15.4	10.7	9.1	7.8	11.9	47.2	9.6	9.3	16.2	06
07	7.3 B	9.2 B	7.1 B	14.5	10.1	8.7	7.3	9.1	12.0	11.4	13.0	13.9	07
08	7.2 B	8.5 B	7.5 B	14.7	9.9	8.5	7.5	8.6	9.7	10.0	12.7	12.5	08
09	7.4 B	8.5 B	8.2 B	14.2	14.7	8.6	7.6	14.3	9.1	9.6	12.1	12.6	09
10	7.4 B	8.5 B	8.5 B	13.8	16.3	10.0	8.3	8.4	9.7	9.7	13.3	12.8	10
11	7.3 B	8.5 B	8.8 B	13.1	11.6	9.0	7.8	8.1	13.3	9.7	11.2	12.9	11
12	7.3 B	8.5 B	8.5 B	12.8	15.6	9.6	7.6	7.7	11.2	9.3	10.6	15.1	12
13	7.1 B	8.5 B	8.2 B	12.6	13.7	8.6	7.6	7.8	9.1	9.1	10.3	21.1	13
14	7.6 B	8.5 B	7.8 B	12.4	11.2	8.4	7.6	7.7	8.8	9.2	10.4	18.0	14
15	9.5 B	8.5 B	7.5 B	12.4	12.8	8.3	7.7	7.4	8.9	9.2	13.8	11.8	15
16	7.8 B	8.2 B	42.4 B	11.6	21.7	8.1	8.0	7.9	8.9	9.3	13.5	11.9	16
17	7.7 B	8.2 B	120.0	11.2	20.2	8.1	8.0	11.9	8.4	9.3	11.3	12.0	17
18	8.1 B	8.2 B	98.6	11.0	13.5	7.9	7.7	8.2	8.3	9.3	16.2	12.4	18
19	8.6 B	7.8 B	78.8	11.0	12.6	9.6	8.2	8.1	8.3	18.0	13.3	13.3	19
20	8.4 B	7.8 B	68.1	10.8	32.5	8.4	8.0	11.0	8.4	11.6	11.5	13.6	20
21	8.2 B	7.8 B	52.5	10.7	16.0	8.3	7.6	8.1	8.3	10.7	11.5	13.8	21
22	7.9 B	7.5 B	32.2	11.5	13.0	11.8	7.5	16.4	8.4	10.2	14.5	14.1	22
23	7.6 B	7.5 B	30.3	11.3	11.6	8.9	7.5	14.7	8.4	10.2	14.7	15.3	23
24	7.3 B	7.5 B	19.6 B	13.4	10.3	8.6	7.7	10.1	8.6	9.9	17.9	9.4	24
25	7.4 B	7.5 B	25.5 B	13.2	9.5	8.8	7.8	9.0	9.1	10.2	14.4	7.1	25
26	7.5 B	7.5 B	45.2	12.8	9.4	20.4	7.6	8.7	8.5	9.9	12.3	7.5	26
27	7.3 B	7.5 B	48.1	11.7	8.8	11.1	7.5	8.5	8.8	9.8	12.1	7.8	27
28	7.5 B	7.5 B	43.5	10.6	9.2	11.9	8.0	8.1	8.7	9.8	38.1	8.0	28
29	7.9 B	7.5 B	34.6	10.8	19.8	9.9	7.5	7.9	8.4	10.2	46.3	8.2	29
30	34.8 B		23.7	11.5	15.9	9.1	7.4	8.0	8.7	9.7	16.2	8.7	30
31	26.8 B		22.3		12.6		7.8	7.9		9.3		10.2	31
TOTAL	281.7	532.9	900.5	428.8	430.2	293.5	240.1	286.7	314.6	314.3	427.6	423.6	TOTAL
MEAN	9.08	18.37	29.04	14.29	13.87	9.78	7.74	9.24	10.48	10.13	14.25	13.66	MEAN
AC-FT	558.75	1057.0	1786.14	850.52	853.3	582.15	476.23	568.66	624.0	623.41	848.14	840.21	AC-FT
MAX	34.8	237.0	120.0	43.3	32.5	20.4	8.3	16.4	47.2	18.0	46.3	32.5	MAX
MIN	6.9	7.5	7.1	10.6	8.8	7.9	7.3	7.4	8.0	8.6	9.3	7.1	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 13.3 CFS

TOTAL DISCHARGE, 9670 AC-FT

MAXIMUM DAILY DISCHARGE, 237 CFS

MINIMUM DAILY DISCHARGE, 6.9 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT

1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.1 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.6 B	23.9 B	10.9	12.9 B	11.5	9.6	10.8	15.5	8.5	8.1	9.4	10.7	01
02	11.6 B	17.2	11.4	60.4	11.0	14.6	8.5	16.0	8.5	8.5	30.3	10.8	02
03	11.2 B	16.1	12.1	19.9	12.8	18.6	10.0	15.1	8.3	8.9	15.7	10.8	03
04	10.7 B	14.5 B	12.3 B	19.8	11.0	13.0	8.9	9.6	8.2	8.4	12.4	10.8	04
05	10.2 B	12.4 B	11.2 B	44.0	10.1	13.4	10.3	9.0	8.3	8.3	11.0	10.8	05
06	9.8 B	11.9 B	10.9 B	22.5	9.7	12.9	8.5	8.6	8.7	8.4	10.5	10.8	06
07	9.3 B	11.4 B	10.8 B	20.2	10.0	10.9	8.1	8.6	8.7	8.8	10.2	10.8	07
08	8.9 B	10.8 B	11.1 B	18.5	20.8	10.0	8.1	8.8	6.4	9.5	9.9	10.8	08
09	8.9 B	11.4 B	11.3 B	18.1	18.5	9.3	7.9	8.5	8.6	8.6	9.7	10.8	09
10	8.9 B	10.8 B	11.1 B	35.6	17.4	8.8	8.1	8.2	8.6	8.5	9.9	12.5	10
11	8.4 B	10.8 B	10.9 B	18.5	24.0	8.7	12.7	8.3	8.6	8.4	10.0	28.6	11
12	8.1 B	10.3 B	10.4 B	14.9	16.8	8.7	13.5	8.2	8.8	8.5	11.2	19.9	12
13	8.1 B	9.8 B	10.4 B	14.5	15.8	9.1	9.3	8.2	8.5	8.5	10.5	15.4	13
14	8.1 B	9.8 B	10.3 B	14.3	13.9	8.6	8.6	8.3	8.8	10.1	18.3	14.1	14
15	8.1 B	10.3 B	12.1	14.6	12.0	8.9	8.2	8.3	8.8	8.7	14.2	13.2	15
16	7.7 B	10.3 B	14.8	16.6	11.4	9.8	8.0	14.4	8.9	11.6	11.2	10.8	16
17	7.7 B	10.3 B	52.4	21.5	11.3	8.7	8.0	18.7	8.9	10.4	11.0	10.3	17
18	13.0 B	10.8 B	104.0	74.2	29.8	10.4	7.9	11.3	8.5	9.2	13.8	10.3	18
19	13.0 B	10.8 B	44.0	23.6	61.6	10.7	7.7	20.5	8.4	9.7	22.2	9.8	19
20	12.5 B	11.8 B	28.5	15.6	19.5	9.6	7.5	10.4	8.3	20.3	14.8	9.3	20
21	12.1 B	11.1 B	78.3	14.3	14.8	8.5	8.7	9.2	8.3	11.8	11.3	8	21
22	11.6 B	12.6 B	27.1	15.2	13.1	8.4	8.3	8.9	8.2	10.7	10.6	9.3	22
23	12.9 B	11.5	25.8	26.1	12.4	10.6	7.8	8.6	8.2	10.0	11.0	9.3	23
24	56.0	10.7	45.2	18.2	11.5	10.4	8.2	8.6	8.7	10.7	10.8	9.3	24
25	22.7 B	10.6	58.0	14.0	11.6	9.4	29.7	8.5	8.8	10.9	10.8	9.3	25
26	12.1 B	10.5	29.3	12.7	10.7	9.0	16.9	8.5	8.3	9.8	10.8	9.3	26
27	11.6 B	10.4	17.8 B	12.4	10.3	8.7	12.3	8.5	8.4	9.8	10.3	9.3	27
28	11.6 B	10.6	17.1 B	19.3	10.1	8.3	29.6	8.6	8.4	9.6	9.9	8.8	28
29	12.1		22.9	16.5	11.1	8.1	16.2	8.5	8.2	9.2	10.0	8.5	29
30	84.2		13.7 B	12.6	10.8	8.9	10.3	8.6	8.3	9.1	10.4	8.5	30
31	95.5 B		13.1 B		9.7		8.8	8.8		9.1		8.5	31
TOTAL	538.2	332.9	759.2	661.5	475.0	304.6	337.4	319.8	255.0	302.1	372.1	350.7	TOTAL
MEAN	17.36	11.88	24.49	22.05	15.32	10.15	10.88	10.31	8.5	9.74	12.4	11.31	MEAN
AC-FT	1067.51	660.3	1505.87	1312.08	942.16	604.17	669.23	634.32	505.79	599.21	738.06	695.61	AC-FT
MAX	95.5	23.4	104.0	74.2	61.6	18.6	29.7	20.5	8.9	20.3	30.3	28.0	MAX
MIN	7.7	9.8	10.3	12.4	9.7	8.1	7.5	8.2	8.2	8.1	9.4	8.5	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 13.7 CFS

TOTAL DISCHARGE, 9330 AC-FT

MAXIMUM DAILY DISCHARGE, 104 CFS

MINIMUM DAILY DISCHARGE, 7.5 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT

1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.1 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	8.5 B	5.7 B	5.0 B	20.9	11.3	7.8	6.9	8.7	7.1	7.8	17.9	10.7	01
02	8.1 B	63.9 B	5.0 B	43.1	10.4	7.6	7.1	6.7	8.6	12.4	10.5	02	
03	8.1 B	45.6 B	5.1 B	48.4	9.2	7.6	7.0	7.1	7.1	9.2	10.4	9.7	03
04	8.1 B	21.6 B	10.0 B	35.3	8.9	7.4	8.4	6.8	8.7	8.9	9.3	15.1	04
05	8.1 B	17.0 B	18.9 B	30.1	9.0	7.2	7.1	7.7	7.9	8.2	9.2	12.3	05
06	8.1 B	13.2 B	9.8 B	34.0	9.2	6.9	6.1	7.0	7.0	8.0	9.0	11.2	06
07	7.8 B	9.5 B	9.1 B	42.5	8.5	7.0	6.0	7.0	6.6	8.1	8.9	10.7	07
08	7.8 B	8.6 B	9.1 B	49.9	11.8	6.8	6.0	7.0	9.0	8.1	8.6	10.1	08
09	7.8 B	8.2 B	9.6 B	44.3	10.9	6.5	6.6	6.8	9.7	7.9	8.8	10.5	09
10	7.8 B	7.7 B	10.1 B	22.8	9.5	7.0	11.4	6.8	8.0	8.2	12.7	10.0	10
11	7.8 B	7.3 B	10.3 B	16.9	8.8	7.4	9.0	6.7	7.1	8.2	12.9	12.5	11
12	7.4 B	7.0 B	10.5 B	18.9	8.5	6.6	8.8	8.6	7.0	9.0	12.1	12.0	12
13	7.4 B	6.9 B	11.1 B	18.7	8.4	5.9	7.2	8.1	7.3	9.7	10.6	11.8	13
14	7.1 B	6.8 B	11.1	21.1	8.3	6.0	8.1	7.4	7.7	9.8	9.4	11.8	14
15	7.1 B	6.7 B	11.0	19.8	9.6	6.3	9.4	7.1	7.6	9.4	9.5	11.8	15
16	7.1 B	6.7 B	10.2 B	16.9	24.3	6.6	8.8	7.2	8.5	8.6	9.3	11.8	16
17	6.8 B	6.7 B	9.7 B	17.4	22.9	7.6	7.9	6.6	7.5	8.2	5.5	11.8	17
18	6.8 B	7.1 B	13.1	16.5	12.0	7.4	7.9	6.4	9.4	8.1	9.9	11.5	18
19	6.8 B	7.4 B	21.3	13.7	9.9	6.8	7.5	8.5	8.2	8.1	9.4	11.2	19
20	6.8 B	6.7 B	29.2	63.1	8.7	6.6	26.7	8.1	7.5	8.2	24.4	10.9	20
21	6.8 B	6.7 B	40.0	31.5	8.1	6.4	11.8	7.0	7.6	13.2	15.4	10.4	21
22	6.4 B	7.2 B	52.2	19.9	9.8	6.2	8.2	6.7	7.5	17.0	12.6	10.2	22
23	6.4 B	7.1 B	53.2	16.7	9.3	6.0	7.7	6.7	7.3	10.0	10.9	9.8	23
24	6.4 B	6.6 B	53.1	24.4	8.2	6.0	7.3	6.5	8.0	9.0	9.2	9.8	24
25	6.1 B	5.4 B	53.4	21.3	9.5	6.2	7.4	6.5	19.3	8.6	9.0	9.8	25
26	6.1 B	5.1 B	59.9	14.9	13.3	6.2	7.3	6.6	14.0	8.5	9.6	9.8	26
27	6.1 B	5.1 B	48.5	13.2	8.7	10.7	7.2	6.4	11.7	8.4	11.2	9.5	27
28	6.1 B	5.1 B	28.8	12.1	8.4	6.7	7.4	6.6	8.5	8.4	17.2	9.4	28
29	13.4 B	17.7 B	11.2 E	7.8	7.8	7.2	6.6	8.3	8.2	13.0	9.4	8.2	29
30	6.1 B	18.2 B	9.6 E	7.5	6.9	7.5	9.9	8.5	12.8	12.1	9.4	8	30
31	5.4 B	16.9 B		7.7		7.6	10.3		26.2		9.8	8	31
TOTAL	226.6	318.6	671.1	767.1	318.4	207.5	261.0	226.5	256.3	300.6	344.6	354.2	TOTAL
MEAN	7.3	11.37	21.64	25.57	10.27	6.91	8.41	7.3	8.54	9.69	11.48	11.42	MEAN
AC-FT	449.46	631.94	1331.12	1521.54	631.54	411.57	517.69	449.26	508.37	596.24	683.51	702.55	AC-FT
MAX	13.4	63.9	59.9	63.1	24.3	10.7	26.7	10.3	19.3	26.2	24.4	20.5	MAX
MIN	5.4	5.1	5.0	9.6	7.5	5.9	6.0	6.4	6.6	7.8	8.8	9.4	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 11.7 CFS

TOTAL DISCHARGE, 8430 AC-FT

MAXIMUM DAILY DISCHARGE, 63.9 CFS

MINIMUM DAILY DISCHARGE, 5.0 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT 1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.1 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.8 B	8.0 B	17.4	21.8	11.3	7.9	7.5	7.2	7.1	7.6	8.3	9.1 B	01
02	10.4 B	8.0 B	17.8	74.1	13.6	9.5	7.0	7.2	7.4	8.5	9.1 B	02	
03	10.7 B	8.0 B	17.8	61.5	11.7	12.8	6.7	7.2	7.5	7.8	8.4	9.2 B	03
04	16.6 B	8.0 B	15.7 B	38.3 B	9.7	9.6	6.5	7.2	7.8	8.5	9.2 B	04	
05	28.1 B	19.2 B	14.5	30.2 B	9.1	8.8	6.8	6.9	8.1	7.8	8.5	9.3 B	05
06	12.8 B	36.0 B	13.9	47.8	8.9	8.6	57.0	6.9	8.3	7.8	8.8	12.5	06
07	12.3 B	8.8 B	12.0	85.6	8.5	8.6	10.0	6.8	8.1	7.8	9.5	15.9	07
08	11.8 B	8.0 B	11.3 B	78.3 B	8.9	10.1	8.2	6.7	7.8	8.9	12.5	08	
09	11.2 B	8.0 B	11.0 B	113.0	9.7	9.5	7.6	6.9	7.4	9.7	8.9	17.8	09
10	10.8 B	8.0 B	10.7 B	83.7	9.0	8.4	7.1	7.5	7.2	12.4	10.0	26.8	10
11	9.4 B	8.0 B	11.1 B	63.3	9.1	8.2	6.7	7.9	7.2	8.8	9.9	23.1	11
12	8.8 B	8.0 B	12.4 B	52.3	9.7	8.0	6.8	7.3	7.1	8.3	10.0	13.2	12
13	9.0 B	8.0 B	12.1 B	83.6	9.7	22.7	7.8	6.9	8.4	8.2	10.7	11.9	13
14	9.2 B	8.0 B	10.0	41.8	8.9	10.7	7.6	7.1	8.3	9.4	9.6	10.9	14
15	9.2 B	8.0 B	15.3	26.5	8.7	8.9	7.0	7.2	8.0	8.5	11.7	23.3	15
16	9.2 B	8.0 B	23.0	26.4	8.7	8.5	7.0	7.1	7.7	8.3	9.9	23.2	16
17	9.2 B	8.0 B	20.6	23.7	8.6	8.3	8.3	7.0	8.3	8.3	9.5	13.8	17
18	8.8 B	8.0 B	18.5 B	25.0	8.3	8.0	7.1	6.7	7.8	8.3	9.2	11.9 B	18
19	8.8 B	8.0 B	18.2	24.9	7.9	7.8	7.3	6.6	7.5	8.1	11.7	10.7 B	19
20	8.8 B	17.1 B	15.8	21.6	8.9	7.8	7.4	6.7	22.0	8.0	10.6	10.7 B	20
21	8.8 B	23.8 B	13.7	19.7	8.5	8.1	7.1	7.1	12.9	8.1	10.9	10.1 B	21
22	8.8 B	8.0 B	12.8 B	17.1	8.1	7.5	7.1	7.2	8.8	8.2	9.5	9.6 B	22
23	8.8 B	22.0 B	12.1 B	14.6	8.0	7.2	8.2	10.0	8.3	8.4	8.8 B	9.6 B	23
24	8.4 B	14.3 B	11.6 B	13.7	8.2	7.2	8.2	7.4	8.2	8.7	8.8 B	15.7 B	24
25	8.4 B	12.2 B	12.4 B	13.2	9.8	10.5	7.8	7.4	7.8	11.9	8.9	13.2 B	25
26	8.4 B	11.9	11.5 B	13.3	9.2	8.9	10.5	7.8	7.7	9.7	9.0	11.4 B	26
27	8.0 B	22.2	11.2 B	12.3	10.3	9.4	9.2	13.0	7.8	9.1	10.6	10.3 B	27
28	8.0 B	20.7	11.5	12.5	9.1	58.5	7.7	11.0	8.1	8.8	11.4	10.8	28
29	8.0 B	11.5	14.1	8.5	10.0	8.1	9.3	8.1	8.6	10.3	9.8	9.3 B	29
30	8.0 B	12.2	12.6	8.4	8.0	7.6	7.7	7.6	8.4	9.6 B	9.3 B	30	
31	8.0 B	13.7 B		8.0		7.5	7.6		8.3		9.3 B	31	
TOTAL	316.5	344.2	433.3	1166.5	285.0	328.0	286.2	236.3	254.1	266.3	288.9	403.2	TOTAL
MEAN	10.2	12.29	13.97	38.88	9.19	10.93	9.23	7.62	8.47	8.59	9.63	13.0	MEAN
AC-FT	627.77	682.72	859.45	2313.75	565.29	650.58	567.67	468.87	504.0	528.2	573.03	799.74	AC-FT
MAX	28.1	36.0	23.0	113.0	13.6	58.5	57.0	13.0	22.0	12.4	11.7	28.8	MAX
MIN	8.0	8.0	10.0	12.3	7.9	7.2	6.5	6.6	7.1	7.4	8.3	9.1	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 12.6 CFS

TOTAL DISCHARGE, 9140 AC-FT

MAXIMUM DAILY DISCHARGE, 113 CFS

MINIMUM DAILY DISCHARGE, 6.5 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT

1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.1 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.2 8	8.8 B	6.5 8	26.0	15.7	11.0	10.7	7.8	6.5	11.5	10.7	11.2	01
02	9.2 B	8.9 B	6.5 B	33.6	21.0	11.4	9.5	10.2	9.0	11.0	15.1	10.3 B	02
03	9.2 B	9.0 B	13.2 B	45.8	28.5	10.2	10.2	11.2	8.6	9.9	14.0	10.3 B	03
04	9.0 B	9.1 B	7.1 B	46.1 B	16.9	10.0	9.9	8.6	8.3	9.7	11.6	11.6 B	04
05	8.9 B	9.3 B	7.4 B	29.5 B	15.2	9.2	8.7	8.1	8.2	9.4	12.1	17.1 B	05
06	9.0 B	9.3 B	7.4 B	20.4 B	16.8	9.3	8.3	8.2	8.3	11.5	10.7	32.9	06
07	9.3 B	9.3 B	7.7 B	15.8 B	16.6	9.1	8.1	13.2	13.0	14.2	11.2	16.1 B	07
08	9.3 B	9.4 B	12.6 B	14.4 B	14.1	9.3	8.0	15.2	15.3	10.7	29.0	14.0 B	08
09	9.4 B	9.4 B	9.2 B	16.8 B	12.9	10.8	8.1	16.4	9.6	10.4	18.3	11.2	09
10	9.7 B	9.4 B	9.1 B	30.8	11.8	9.1	9.2	10.7	9.1	9.9	13.5	11.2	10
11	10.3 B	9.3 B	9.1 B	11.0	11.4	8.5	8.9	9.4	9.0	9.8	13.0	10.7 B	11
12	9.6	9.3 B	9.6 B	11.3 B	11.0	8.9	8.3	9.7	8.8	9.9	12.5	15.6 B	12
13	9.9	11.8 B	10.0 B	207.0	10.7	9.3	9.3	9.4	9.4	9.8	11.6	58.4 B	13
14	9.1 B	17.1 B	8.5 B	125.0	14.4	9.4	10.2	9.4	9.2	10.0	11.2	20.4	14
15	9.1 B	11.6 B	7.5 B	66.0	18.6	9.5	13.8	8.9	8.9	11.7	10.7	12.1 B	15
16	9.0 B	9.8 B	8.9 B	54.0	16.1	8.8	17.1	8.8	8.8	10.5	10.3	10.7 B	16
17	8.9 B	8.9 B	13.1 B	114.0	15.8	8.4	10.1	9.6	8.5	10.1	10.7	10.7 B	17
18	9.4 B	8.0 B	13.5 B	61.1	13.5	8.5	9.1	9.2	8.5	9.8	11.2	10.7 B	18
19	12.7 B	7.7 B	11.5 B	43.6	12.1	8.5	9.0	8.3	8.2	9.7	11.2	10.7 B	19
20	9.3 B	7.4 B	10.9 B	41.3	11.4	8.6	9.0	8.1	8.1	9.6	11.6	10.7 B	20
21	8.2 B	7.4 B	10.6	29.1	10.9	9.9	8.9	8.2	8.0	9.8	10.7	10.7 B	21
22	8.8 B	7.4 B	21.3	39.0	10.0	16.8	8.5	10.9	7.8	13.5	9.8	10.7 B	22
23	12.9 B	7.4 B	23.0	33.9	9.6	20.1	11.4	14.1	7.8	36.3	9.8	11.2	23
24	9.5 B	7.4 B	18.8	25.0	9.3	22.2	9.7	10.1	9.3	17.1	10.3	11.6	24
25	8.9 B	7.1 B	16.2 B	20.7	9.3	13.4	9.6	8.8	9.1	13.5	11.2	12.1	25
26	8.8 B	7.1 B	14.4 B	18.8	8.9	11.7	8.7	24.9	12.6	11.6	19.0	12.5	26
27	8.8 B	7.1 B	13.0 B	17.8	8.9	11.9	8.4	13.3	10.6	10.7	17.6	12.5	27
28	8.8 B	6.8 B	12.2 B	17.0	8.8	10.2	7.9	9.8	9.2	11.6	13.5	11.6 B	28
29	9.0 B	6.8 B	12.8	16.9	8.7	9.7	7.7	9.1	10.1	18.3	11.6	10.7 B	29
30	9.2 B		16.9	15.9	10.2	12.2	7.6	8.7	19.6	13.5	10.3	10.7 B	30
31	9.1 B		20.5		12.0		7.6	8.6		11.2		25.3 B	31
TOTAL	291.5	257.3	369.0	1453.8	411.1	325.9	291.5	326.9	289.4	376.2	384.0	456.2	TOTAL
MEAN	9.4	8.87	11.9	48.46	13.26	10.86	9.4	10.54	9.64	12.13	12.8	14.71	MEAN
AC-FT	578.19	510.35	731.91	2883.61	815.41	646.42	578.19	648.4	574.02	746.19	761.66	904.87	AC-FT
MAX	12.9	17.1	23.0	207.0	28.5	22.2	17.1	24.9	19.6	36.3	29.0	58.4	MAX
MIN	8.2	6.8	6.5	14.4	8.7	8.4	7.6	7.8	7.8	9.4	9.8	10.3	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 14.3 CFS

TOTAL DISCHARGE, 10400 AC-FT

MAXIMUM DAILY DISCHARGE, 207 CFS

MINIMUM DAILY DISCHARGE, 6.5 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT

1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.1 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	36.3 B	11.2 B	8.5 B	150.0	12.2	11.8	7.7	13.1	8.4	7.9	20.1	8.6	01
02	23.4 B	57.2 B	8.9 B	49.6	14.4	10.2	7.4	9.0	7.9	8.9	13.1	7.9	02
03	18.0 B	39.3	18.3 B	48.4	22.1	9.4	7.1	8.0	7.6	13.6	12.1	8.6	03
04	22.4	17.8	71.8 B	29.5	14.0	9.3	7.0	7.3	7.3	6.9	9.3	9.3	04
05	17.6 B	13.8 B	33.8 B	33.0	12.5	11.2	8.7	7.2	7.3	9.7	8.6	11.3	05
06	13.0 B	13.0 B	80.0	19.3	10.9	10.3	7.1	7.0	7.4	8.6	8.6	9.7	06
07	10.7 B	12.4 B	73.0	15.9	9.9	16.5	7.0	7.1	7.1	8.6	8.9	8.6	07
08	9.8 B	10.3 B	40.4	14.2	13.8	10.5	6.8	7.2	7.0	8.2	9.3	7.9	08
09	8.9 B	9.8 B	19.7	12.9	30.1	9.8	6.5	7.3	7.2	8.2	8.6	8.6	09
10	8.9 B	9.8 B	21.2	13.6	16.5	8.9	6.5	8.1	7.2	8.2	7.9	8.6	10
11	8.5 B	9.8 B	72.8	13.7	27.2	8.6	6.7	7.7	7.2	8.2	8.2	8.2	11
12	8.5 B	9.8 B	40.9	12.4	15.6	8.4	6.7	7.1	7.2	8.2	8.6	7.9	12
13	8.0 B	9.4 B	23.6	11.8	13.2	8.2	6.8	7.2	7.3	9.3	8.6	7.9	13
14	8.0 B	9.4 B	22.7	11.5	12.3	7.9	8.2	7.0	7.4	10.9	8.6	8.2 B	14
15	8.5 B	9.4 B	28.6	11.6	12.2	7.9	6.9	7.0	7.4	8.6	17.7	8.6 B	15
16	8.9 B	9.4 B	23.7	11.4	11.6	7.9	6.8	6.9	7.4	8.9	14.5	8.6 B	16
17	8.9 B	9.4 B	73.9	12.1	12.8	8.1	6.6	6.8	7.7	9.3	8.6	8.6 B	17
18	13.5 B	8.9 B	17.1	11.3	10.9	9.1	6.5	24.7	12.4	9.3	9.3	8.9 B	18
19	48.2	8.9 B	15.1	11.6	10.1	8.7	6.5	10.8	8.5	9.7	9.3	8.9 B	19
20	27.5 B	8.9 B	15.1	9.9	9.9	8.2	6.8	8.5	8.4	11.7	8.6	9.3 B	20
21	20.4 B	8.9 B	14.5	10.6	9.7	8.0	7.0	8.1	8.1	8.9	9.7	9.3 B	21
22	26.0 B	8.9 B	14.5	13.2	9.1	8.0	6.6	7.9	10.2	8.6	12.1	9.3 B	22
23	46.6	8.9 B	18.8	12.3	8.8	7.8	6.2	7.6	11.8	8.2	9.3	9.3 B	23
24	20.8	8.9 B	24.8	10.8	8.9	9.5	6.2	7.8	10.5	8.2	10.5	9.3 B	24
25	16.4 B	8.9 B	22.4	9.9	8.4	8.6	6.7	7.8	8.9	8.2	12.1	18.9 B	25
26	15.3	8.5 B	21.2	9.6	9.9	7.7	7.7	7.8	8.7	7.9	9.3	18.9 B	26
27	15.8	8.5 B	16.2	11.5	10.0	7.6	8.6	7.9	8.3	7.9	9.3	25.0 B	27
28	15.4	8.5 B	15.0	27.9	9.4	8.8	7.7	8.2	8.2	18.3	10.9 B	28	
29	12.5 B		17.4	17.6	15.4	11.7	10.7	7.3	8.0	13.1	14.5	9.7 B	29
30	11.6 B		34.0	12.1	11.7	8.1	7.6	7.2	7.9	17.1	10.9	9.7 B	30
31	11.2 B		27.0		15.8		7.4	10.8		13.5		8.9 B	31
TOTAL	529.5	357.9	935.3	640.4	427.2	277.3	223.8	262.9	245.9	292.7	325.6	313.4	TOTAL
MEAN	17.08	12.78	30.17	21.34	13.78	9.24	7.21	8.48	8.19	9.44	10.85	10.1	MEAN
AC-FT	1050.26	709.89	1855.16	1270.23	847.35	550.02	443.9	521.46	487.74	580.57	645.84	621.62	AC-FT
MAX	48.2	57.2	80.0	150.0	30.1	16.5	10.7	24.7	12.4	17.1	20.1	25.0	MAX
MIN	8.0	8.5	8.5	9.6	8.4	7.6	6.2	6.8	7.0	6.9	7.9	7.9	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 13.2 CFS

TOTAL DISCHARGE, 9580 AC-FT

MAXIMUM DAILY DISCHARGE, 150 CFS

MINIMUM DAILY DISCHARGE, 6.2 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT

1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.1 SQUARE MILES.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	13.4 B	17.6 B	42.5 E	46.1	16.9	9.5	10.6	8.1	7.5	8.1	8.7	8.8 B	01
02	13.1 B	16.9 B	16.1 E	77.0	11.7	9.0	9.3	8.2	7.4	8.2	8.5	14.5 B	02
03	13.7 B	16.4 B	13.5 E	40.9	12.0	8.6	66.5	7.9	10.2	8.0	8.6	10.3 B	03
04	14.2 B	16.1 B	63.0 E	116.0	11.9	8.6	15.2	8.8	8.3	7.5	10.0	9.6 B	04
05	13.0 B	15.9 B	143.0 E	30.4	11.3	8.5	10.7	8.2	7.6	8.0	9.5	9.4 B	05
06	13.8 B	15.8 B	72.0	19.6	15.4	8.3	9.3	7.5	7.5	7.8	9.8	9.4 B	06
07	13.8 B	15.1	65.5	19.4	13.4	8.1	8.4	7.1	7.4	9.3	8.7	9.3	07
08	13.5 B	15.1 B	28.4	16.0	12.5	8.1	7.8	6.9	7.4	8.5	8.1	15.4	08
09	13.6 B	15.2 B	20.8	14.4	21.0	8.1	7.6	7.2	7.4	8.4	8.3	13.7 B	09
10	13.6 B	15.2 B	18.8 B	14.5	16.0	8.3	9.2	7.3	7.7	8.3	8.5	10.0 B	10
11	13.6 B	15.0 B	17.9 B	15.4	13.0	8.3	7.6	6.9	7.8	8.0	8.5	9.5	11
12	13.6 B	14.8 B	17.1 B	18.9	74.2	8.4	7.2	7.7	8.8	8.5	13.6	12.7	12
13	13.6 B	14.7 B	16.8 B	23.7	26.8	8.1	6.9	7.8	9.1	8.3	11.8	12.5	13
14	13.6 B	14.6 B	16.5 B	44.4	17.5	8.4	7.2	7.0	7.6	14.7	12.5	11.4	14
15	13.6 B	14.5 B	15.8 B	33.9	26.1	13.7	7.5	6.6	7.3	10.5	10.2	10.1	15
16	13.6 B	14.5 B	15.8	18.0	29.5	14.5	6.8	6.6	7.0	8.8	9.2	11.0	16
17	13.7 B	14.6 B	15.2 B	16.1	67.0	9.9	6.8	7.4	9.3	10.3	12.8	17	
18	14.2 B	14.7 B	15.7 B	15.1	18.5	11.9	7.2	6.7	7.8	8.5	9.7	11.7	18
19	14.9 B	14.7 B	15.7 B	13.5	14.3	21.3	7.1	6.4	7.0	8.0	9.3	10.5	19
20	32.4 B	14.7 B	15.2 B	13.0	12.5	19.5	6.6	7.1	7.8	21.3	10.0	20	
21	128.0	14.7 B	15.0	13.2	11.8	11.4	6.5	6.5	7.0	8.2	23.0	10.0	21
22	110.0 B	14.7 B	24.8	11.4	9.7	6.5	6.4	7.2	8.7	11.8	10.0	22	
23	50.5 B	143.0 B	15.1	26.1	11.5	8.7	7.0	6.6	7.1	8.7	10.6	10.2	23
24	26.7 B	73.8 B	15.6 B	20.3	10.8	8.5	7.6	7.2	7.1	8.3	13.1	10.6	24
25	14.3	47.5 B	16.8 B	15.5	11.6	8.7	7.6	6.6	9.1	8.3	10.5	10.4	25
26	13.6	42.6 B	16.7 B	13.8	10.7	8.6	8.0	6.5	8.5	8.2	9.1 B	10.0 B	26
27	124.0	38.2 B	16.8 B	13.3	11.2	8.2	8.4	16.5	7.5	7.9	8.8 B	9.7 B	27
28	42.6	92.5 B	14.9	12.4	11.4	7.8	7.4	8.7	9.5	8.0	8.9	9.8	28
29	22.8		14.6 B	14.8	14.4	15.8	9.6	7.9	14.8	8.2	9.1 B	10.0	29
30	21.5		15.2	14.4	11.0	14.4	12.8	7.6	9.6	9.9	9.0 B	10.0	30
31	27.5 B			36.5		10.2		9.1	7.7			9.7 B	31
TOTAL	865.0	868.4	837.2	774.9	567.5	310.9	316.0	234.3	242.7	268.5	319.0	333.0	TOTAL
MEAN	27.9	31.01	27.0	25.83	18.3	10.36	10.19	7.55	8.09	8.66	10.63	10.74	MEAN
AC-FT	1715.72	1722.47	1660.58	1537.01	1125.63	616.67	626.78	464.73	481.39	532.56	632.73	660.5	AC-FT
MAX	128.0	143.0	143.0	116.0	74.2	21.3	66.5	16.5	14.8	14.7	23.0	15.4	MAX
MIN	13.0	14.5	13.5	12.4	10.2	7.8	6.5	6.4	7.0	7.8	8.1	8.8	MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 16.3 CFS

TOTAL DISCHARGE, 11800 AC-FT

MAXIMUM DAILY DISCHARGE, 143.0 CFS

MINIMUM DAILY DISCHARGE, 6.4 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT

B - ICE CONDITIONS

1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 10.0 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.7	11.9 B	14.3 B	12.0	10.6	15.5	7.4	7.5	9.4	10.3	13.0	17.8	01
02	9.6 B	10.8 B	14.1 B	11.3	10.4	10.2	7.4	7.4	8.8	9.0	11.3	10.6 B	02
03	9.5 B	10.0 B	13.5 B	11.7 B	10.0	10.2	7.3	8.2	7.8	8.7	10.9	10.3 B	03
04	9.6	9.8 B	13.1 B	12.3 B	17.5	9.5	7.3	8.4	8.0	8.7	10.2	10.6 B	04
05	9.4	9.7 B	12.9 B	12.3 B	28.4	9.9	7.2	7.5	7.8	8.6	9.4	11.1 B	05
06	9.2	9.8 B	12.4 B	12.4 B	14.9	10.4	7.6	7.4	8.0	8.5	9.5	21.8	06
07	9.4	10.0 B	12.2 B	12.5 B	12.0	9.4	7.5	7.3	7.6	8.4	9.7	12.7 B	07
08	10.1	9.9 B	11.7 B	12.8 B	10.2	9.3	7.4	7.2	7.8	8.5	10.2	10.7 B	08
09	36.7	9.9 B	11.3 B	14.5 B	9.5	8.9	7.7	7.2	7.4	8.7	9.6	10.7 B	09
10	23.7	9.8 B	11.3 B	15.7	9.0	8.6	7.4	7.1	7.4	9.6	29.5	10.7 B	10
11	48.8	9.8 B	11.0 B	17.1	8.8	8.4	8.9	8.0	8.5	9.1	12.9	10.7 B	11
12	13.6 B	9.8 B	15.9 B	17.0	9.0	15.5	7.8	7.5	7.8	9.0	10.5	10.7 B	12
13	10.0 B	9.9 B	20.3 B	17.9	9.1	11.2	8.1	7.5	9.8	10.5	10.1	10.6 B	13
14	10.0 B	9.9 B	15.3 B	23.6	8.4	10.4	7.7	7.4	9.2	9.3	9.6	12.5	14
15	10.0 B	9.7 B	13.9 B	26.7	8.6	9.9	7.7	7.1	8.6	9.1	9.3	39.3	15
16	10.0 B	9.6 B	19.7 B	27.9	10.7	14.3	7.6	7.1	8.6	8.8	9.3	14.4 B	16
17	10.0 B	16.9 B	52.6	29.8	9.1	9.6	7.5	7.1	9.8	11.4	9.1	10.3 B	17
18	10.0 B	48.8 B	67.5	31.4	8.8	9.6	7.5	7.1	9.2	10.0	9.1	10.0 B	18
19	10.0 B	38.3 B	162.0	156.0	8.8	19.0	11.4	7.0	27.2	10.0	9.1	10.0 B	19
20	10.0 B	13.2 B	85.5	27.9	8.6	11.7	19.9	7.0	13.3	10.3	9.1	10.0 B	20
21	10.0 B	9.0	23.6	16.7	10.8	9.4	14.4	7.0	10.7	9.9	10.4	9.5 B	21
22	10.0 B	10.0	64.1	13.6	9.1	8.4	8.5	8.7	9.5	9.4	9.8	9.5 B	22
23	9.6 B	28.3	28.5	13.7	8.4	8.5	7.9	7.2	9.0	9.2	9.1	9.5 B	23
24	9.4 B	233.0	33.5	31.7	8.1	8.5	8.7	14.8	8.8	9.2	9.0	9.1 B	24
25	23.9 B	62.5	46.1	16.6	8.0	7.9	8.3	9.8	8.7	9.2	9.0	9.1 B	25
26	42.3 B	20.0	17.9 B	13.7	8.9	7.6	7.6	8.7	9.1	10.0	15.6	8.7 B	26
27	15.8 B	15.9	14.8 B	11.8	9.8	7.6	8.0	7.4	8.9	9.9	13.8	6.3 B	28
28	14.7 B	14.6	12.5 B	11.2	8.1	7.6	7.4	8.0	8.7	9.8	11.2	8.3 B	29
29	14.2 B	13.6 B	13.1	10.2	14.7	7.5	7.3	11.1	8.6	9.7	18.0	13.3 B	30
31	13.0 B		12.1 B		18.5		7.6	8.7		9.5		30.4 B	31
TOTAL	455.8	670.8	872.4	652.5	334.7	302.2	262.0	246.2	291.7	291.3	336.2	398.3	TOTAL
MEAN	14.7	23.95	28.14	21.75	10.79	10.07	8.45	7.94	9.72	9.39	11.2	12.84	MEAN
AC-FT	904.07	1330.53	1730.4	1294.23	663.87	599.41	519.67	488.33	578.58	577.79	666.85	790.02	AC-FT
MAX	48.8	233.0	162.0	156.0	28.4	19.0	19.9	14.8	27.2	11.4	29.5	59.3	MAX
MIN	9.2	9.0	11.0	10.2	7.9	7.5	7.2	7.0	7.4	8.4	8.9	8.3	MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 14.0 CFS

TOTAL DISCHARGE, 10100 AC-FT

MAXIMUM DAILY DISCHARGE, 233 CFS

MINIMUM DAILY DISCHARGE, 7.0 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT

B - ICE CONDITIONS

1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 10.1 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.4 B	7.3 R	29.7 B	38.6	11.6	15.7	12.8	12.1	9.2	8.7	7.9		01
02	9.3 B	7.4 B	20.0 B	22.1	11.8	12.3	10.6	9.3	9.3	8.7	7.7		02
03	9.2 B	7.3 B	20.0 B	18.9	14.7	12.2	10.4	9.2	9.3	8.7	7.8		03
04	9.1 B	7.2 B	17.9	14.9	11.8	12.0	10.2	9.3	9.3	8.6	7.8		04
05	8.9 B	7.4 B	61.3	11.9	11.7	11.8	10.2	9.2	9.1	8.5	7.8		05
06	8.7 B	7.4 B	61.1	11.5	14.2	11.7	10.1	9.0	9.1	8.5	7.8		06
07	8.5 B	7.7 B	23.8 B	11.4	44.7	11.7	10.0	9.2	9.0	10.2	7.8		07
08	8.3 B	7.5 B	12.8 B	11.3	19.1	11.8	10.0	9.0	9.0	9.3	7.6		08
09	8.0 B	7.5 B	10.1 B	10.9	12.0	11.8	9.8	9.0	8.9	9.3	8.8		09
10	8.0 B	7.6 B	9.3 B	11.2	11.7	11.9	9.6	9.1	9.3	9.9	9.3		10
11	7.6 B	7.6 B	8.4 B	11.1	12.6	12.1	11.1	9.1	9.3	9.1	9.3		11
12	7.3 B	7.7 B	8.1 B	11.0	13.2	12.0	10.0	8.9	9.1	9.0	9.1		12
13	7.2 B	7.7 B	17.8 B	11.0	11.6	11.9	9.7	9.7	8.9	9.1	9.0		13
14	6.9 B	7.7 B	13.7 B	10.8	11.5	18.9	9.6	10.0	8.8	9.0	8.8		14
15	7.0 B	9.3	9.8 B	20.8	11.5	12.3	9.5	9.2	9.0	8.9	8.8		15
16	6.8 B	18.2	9.1 B	40.6	45.9	12.3	9.5	9.0	9.0	8.8	8.7		16
17	6.3 B	17.4	9.0 B	14.0	72.7	12.3	9.3	9.0	9.1	8.8	8.6		17
18	6.7 B	22.4	8.5 B	11.8	18.3	11.7	9.3	8.8	8.8	8.6	8.5		18
19	6.5 B	58.7	12.8 B	11.7	22.9	11.7	9.2	8.9	9.0	8.6	8.5		19
20	6.6 B	23.4	123.0	11.6	18.3	11.5	9.2	9.0	9.2	8.6	8.5		20
21	6.6 B	16.7	177.0	11.7	11.8	11.1	9.1	9.0	8.9	8.9			21
22	6.5 B	39.5 B	24.1 B	13.4	11.7	12.1	9.2	8.9	8.8	9.2			22
23	6.4 B	23.3 B	30.7 B	12.8	11.5	11.4	9.2	9.1	8.9	9.1			23
24	6.4 B	16.8	48.3	12.1	11.8	11.2	9.1	9.0	8.7	8.7	8.6		24
25	6.3 B	17.1	55.7	35.7	11.6	14.3	9.1	9.0	8.6	8.9	9.7		25
26	20.0 B	36.9	21.4	30.2	11.8	11.0	9.2	9.0	8.6	8.7	9.9		26
27	14.0 B	63.5	45.9	21.8	11.8	11.0	9.1	9.2	8.5	14.6			27
28	11.0 B	43.1	21.4	14.8	11.6	10.7	8.9	9.2	8.9	8.3	9.4		28
29	9.0 B	32.0	9.8	12.1	11.9	11.1	10.5	9.2	8.7	8.2	10.7		29
30	8.2 B			12.6	11.9	11.8	22.6	9.7	8.6	8.2	48.3		30
31	7.9 B			68.1		23.8		17.5	9.0		8.2		31
TOTAL	259.1	545.3	1001.2	493.6	542.9	376.1	310.7	285.8	269.6	274.2	305.5		TOTAL
MEAN	8.35	18.8	32.29	16.45	17.51	12.53	10.02	9.21	8.98	8.84	10.18		MEAN
AC-FT	513.92	1081.6	1985.88	979.05	1076.84	745.99	616.27	566.88	534.75	543.87	605.95		AC-FT
MAX	20.0	63.5	177.0	40.6	72.7	22.6	17.5	12.1	9.3	10.2	48.3		MAX
MIN	6.3	7.2	8.1	10.8	11.5	10.7	8.9	8.8	8.6	8.2	7.6		MIN

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 177 CFS  
MINIMUM DAILY DISCHARGE, 6.3 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT  
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 10.1 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## BOWMANVILLE CREEK (HAYDON TRIBUTARY) NEAR HAMPTON - STATION NO. 02HD214

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	12.0 B	10.0 B	10.0	14.6	9.9	7.5	8.7		6.2	25.1	10.7	82.7	01
02	12.0 B	10.0 B	10.2	21.1	9.6	7.7	8.7		28.2	20.1	11.3	34.0	02
03	12.0 B	10.0 B	10.2	41.4	9.6	7.7	8.7		13.1	14.7	11.6	23.1	03
04	12.0 B	10.0 B	28.8	15.6	9.4	7.8	8.8		9.6	12.4	11.5	19.3	04
05	12.0 B	10.0 B	175.0	40.2	9.3	7.5	9.1		9.0	11.4	11.6	17.9 B	05
06	12.0 B	10.0 B	32.3	15.9	9.6	7.4			8.7	10.9	12.1	17.5 B	06
07	11.5 B	10.0 B	17.5	14.9	9.5	7.7			8.4	10.0	33.8	17.3 B	07
08	11.5 B	10.0 B	16.0	15.5	9.4	7.9			8.4	21.1	59.5	16.7 B	08
09	11.5 B	10.0 B	71.9	23.2	9.5	8.0			8.2	44.3	18.2	16.4 B	09
10	11.5 B	10.0 B	99.9	14.3	9.3	8.0			8.6	18.2	46.4	16.0 B	10
11	11.5 B	9.8 B	69.9	14.0	9.1	7.8			7.9	12.9	30.7	15.5 B	11
12	11.5 B	9.8 B	57.4	13.4	9.1	8.0			7.9	13.0	16.9	15.3 B	12
13	11.0 B	9.8 B	183.0	13.1	8.9	8.1		6.0	10.8	11.3	14.6	15.1 B	13
14	11.0 B	9.8 B	38.4	12.9	8.8	8.1		5.6	12.1	10.7	12.4	96.0 B	14
15	11.0 B	9.8 B	24.5	12.5	8.6	7.8		4.2	8.7	10.3	11.7	63.1 B	15
16	11.0 B	9.8 B	22.0	12.2	8.4	7.7		12.3	12.6	11.3	27.4	34.6 B	16
17	11.0 B	9.8 B	13.2	11.8	8.3	7.7		17.4	13.9	10.0	52.0	25.4 B	17
18	11.0 B	9.6 B	12.0	11.5	8.5	8.3		7.0	9.8	9.4	32.7	22.9 B	18
19	10.5 B	9.6 B	16.2	11.3	8.1	8.1		6.3	9.2	9.5	22.3	21.1 B	19
20	10.5 B	9.6 B	12.2	11.3	8.2	7.9		7.0	18.6	9.4	16.7	20.5 B	20
21	10.5 B	9.6 B	13.3	11.0	8.1	8.0		6.3	13.6	9.1	17.5	23.6 B	21
22	10.5 B	9.6 B	13.1	14.6	7.9	8.0		14.4	10.6	9.5	15.2	21.4 B	22
23	10.5 B	9.6 B	13.8	20.4	7.8	7.8		7.1	9.5	9.3	18.7	19.6 B	23
24	10.5 B	104.0	13.8	18.3	7.5	7.8		9.6	9.0	9.4	25.7	18.6 B	24
25	10.5 B	292.0	32.8	16.1	7.6	8.7		6.4	28.4	9.7	18.0	39.6 B	25
26	10.5 B	12.9	28.4	10.7	7.7	8.5		5.9	23.6	9.9	34.3	24.9 B	26
27	10.5 B	10.1	13.5	10.4	7.4	7.9		5.8	14.9	10.0	16.3	17.1 B	27
28	10.5 B	10.0	16.5	10.2	7.4	8.1		5.7	11.7	9.9	14.3	14.6 B	28
29	10.5 B		26.0	10.1	7.4	10.6		5.5	10.5	10.0	14.4	13.6 B	29
30	10.5 B		19.9	9.9	7.6	8.7		5.8	10.0	10.2	14.8	13.5 B	30
31	10.5 B		19.7		7.4			5.3		10.3		13.4 B	31
TOTAL	343.5	655.2	1131.4	472.4	264.9	240.8		361.7	403.3	653.3	810.3		TOTAL
MEAN	11.08	23.4	36.49	15.74	8.54	8.02		12.05	13.0	21.77	26.13		MEAN
AC-FT	681.33	1299.58	2244.13	937.0	525.42	477.62		717.43	799.94	1295.82	1607.23		AC-FT
MAX	12.0	292.0	183.0	41.4	9.9	10.6		28.4	44.3	59.5	95.0		MAX
MIN	10.5	9.6	10.0	9.9	7.4	7.4		6.2	9.1	10.7	13.4		MIN

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 299.0 CFS  
MINIMUM DAILY DISCHARGE, 4.2 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT  
1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.0 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	13.3 B	13.5 B	9.2 B	150.0	13.2	8.0							01
02	12.8 B	12.9 B	9.1 B	89.2	13.1	8.1							02
03	12.6 B	12.6 B	9.1 B	40.7	12.3	7.5							03
04	12.6 B	12.2 B	9.1 B	37.5	11.6	7.4							04
05	12.1 B	11.8 B	8.9 B	73.1	13.5	8.4							05
06	11.8 B	11.7 B	9.0 B	64.8	14.8	8.4							06
07	13.9 B	11.3 B	8.9 B	156.0	14.9	8.4							07
08	48.8 B	11.0 B	9.0 B	51.8	12.7	10.1							08
09	49.1 B	13.7 B	9.0 B	40.9	25.0	9.1							09
10	22.9 B	10.3 B	9.0 B	35.4	16.3	8.8							10
11	18.6 B	10.3 B	9.1 B	84.8	13.5	8.3							11
12	16.3 B	10.0 B	9.2 B	64.0	14.1	8.6							12
13	15.2 B	9.7 B	9.2 B	58.9	16.3	16.0							13
14	14.0 B	9.2 B	16.0	37.2	77.4	10.4							14
15	13.3 B	9.0 B	18.5	29.3	42.4	10.1							15
16	12.9 B	8.9 B	14.9	29.6	22.5								16
17	12.2 B	9.0 B	13.7	28.6	20.4								17
18	11.9 B	9.1 B	13.0	28.3	18.9								18
19	11.5 B	9.2 B	12.3	42.5	17.0								19
20	10.7 B	9.3 B	12.7	74.5	22.4								20
21	10.3 B	9.3 B	31.0	54.1	29.8								21
22	9.9 B	9.2 B	38.3	29.0	15.9								22
23	9.5 B	9.1 B	44.7	23.1	14.0								23
24	11.1 B	9.2 B	42.1	21.2	12.5								24
25	15.9 B	9.1 B	25.4	19.2	11.7								25
26	33.0 B	9.1 B	19.5	17.8	10.2								26
27	30.0 B	9.0 B	17.4	16.2	9.5								27
28	28.0 B	9.2 B	16.8	15.3	9.2								28
29	18.1 B	19.2	14.1	8.6									29
30	15.3 B		30.2	13.2	7.6								30
31	14.3 B		55.2		8.2								31
TOTAL	539.9	284.9	558.7	1440.3	549.5								TOTAL
MEAN	17.41	10.17	18.02	48.01	17.72								MEAN
AC-FT	1070.89	565.09	1108.18	2856.83	1089.93								AC-FT
MAX	49.1	13.5	55.2	156.0	77.4								MAX
MIN	9.5	8.9	8.9	13.2	7.6								MIN

## SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, 156.0 CFS  
 MINIMUM DAILY DISCHARGE, 7.6 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 57, ABOUT 1 MILE NORTHEAST OF THE COMMUNITY OF HAMPTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 10.0 SQUARE MILES.  
 REMARKS: NATURAL STREAMBED CONTROL.  
 STATION DISCONTINUED JUNE 1978.

B - ICE CONDITIONS  
 E - ESTIMATED  
 NATURAL FLOW

## SOPER CREEK NEAR TYRONE - STATION NO. 02HD221

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				3.0	1.7	1.4	1.3	1.1	1.0	1.1	0.95	1.7 E	01
02				2.5	1.6	1.4	1.2	0.98	1.1	1.1	0.96	1.8 E	02
03				2.3	1.6	1.3	1.2	0.98	1.1	1.5	0.96	1.9 E	03
04				6.1	1.5	1.3	1.2	0.96	1.1	1.1	0.96	3.5	04
05				2.9	1.4	1.2	1.2	0.95	1.2	1.1	0.96	2.4	05
06				2.3	1.3	1.2	1.2	1.3	1.0	1.2	0.97	1.7	06
07				2.3	1.3	1.2	1.2	1.3	1.0	1.2	1.2	1.6	07
08				2.2	1.3	1.2	1.2	1.4	1.2	1.1	1.1	1.4 B	08
09				2.0 E	1.9	1.2	1.2	1.2	1.0	1.1	1.2	1.3 B	09
10				2.0 E	1.6	1.2	1.2	1.0	1.0	1.1	1.2	1.3 B	10
11				1.9 E	1.6	1.2	1.1	1.0	1.3	1.1	1.1	1.5	11
12				1.9 E	2.0	1.3	1.1	1.0	1.0	1.0	1.1	3.7	12
13				1.8 E	1.5	1.2	1.1	1.0	1.1	1.0	1.1	2.0	13
14				1.8 E	1.4	1.2	1.1	0.99	1.1	1.0	1.1	1.4 B	14
15				1.8 E	1.5	1.2	1.0	0.98	1.1	1.0	1.1	1.4 B	15
16				1.7 E	2.6	1.2	1.1	1.0	1.1	1.0	1.2	1.3 B	16
17				1.7 E	2.1	1.2	1.0	1.3	1.1	1.1	1.1	1.3	17
18				1.6 E	1.5	1.2	1.0	1.0	1.1	1.1	1.1	1.3	18
19				1.6 E	1.5	1.3	1.1	1.0	1.1	1.7	1.3	1.3	19
20				1.5 E	4.4	1.2	1.0	1.2	1.1	1.1	1.1	1.2	20
21				1.5 E	2.0	1.2	0.99	1.0	1.1	1.1	1.4	1.4	21
22				1.5 E	1.6	1.4	0.99	2.2	1.1	1.1	1.4	1.5	22
23				5.0 E	1.4	1.2	0.99	1.3	1.1	1.1	1.0	1.5	23
24				5.1 E	1.8	1.3	1.0	1.1	1.1	1.1	1.0	1.4	24
25				5.2 E	1.8	1.3	1.0	1.1	1.1	1.1	1.0	1.4 B	25
26				7.5 E	1.6	1.3	2.2	0.98	1.1	1.1	1.0	1.3	26
27				7.0	1.4	1.2	1.5	1.0	1.1	1.1	1.3	1.4 B	27
28				6.5	1.4	1.2	1.8	1.0	1.0	1.1	1.0	4.0	28
29				4.8	1.4	2.5	1.4	0.98	1.0	1.1	0.97	2.0	29
30				3.7	1.4	1.7	1.3	0.98	1.0	1.1	0.95	1.4	30
31				3.4		1.4		1.0	1.0		0.95		31
TOTAL				60.1	52.0	39.4	33.61	34.24	36.5	33.82	43.66	50.6	TOTAL
MEAN				2.0	1.67	1.31	1.08	1.1	1.21	1.09	1.45	1.63	MEAN
AC-FT				119.2	103.14	78.14	66.66	67.91	72.39	67.08	86.59	100.36	AC-FT
MAX				6.1	4.4	2.2	1.3	2.2	4.0	1.7	5.1	3.7	MAX
MIN				1.4	1.2	1.2	0.98	0.95	1.0	0.95	1.0	1.3	MIN

## SUMMARY FOR THE YEAR 1968

CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 7.5 CFS

MINIMUM DAILY DISCHARGE, 1.0 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION

ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 1.9 SQUARE MILES.

REMARKS: OVAL STEEL ROAD CULVERT ACTS AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## SOPER CREEK NEAR TYRONE - STATION NO. 02HD221

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.4	3.4	1.5	2.4	2.1	1.5	1.5	1.9	1.3	1.3	1.4	1.2	01
02	1.4	2.5	1.6	11.7	2.0	2.1	1.4	1.7	1.3	1.3	3.8	1.6	02
03	1.4	2.3	1.8	3.1	2.3	2.9	1.5	1.4	1.3	1.3	2.3	1.5	03
04	1.4	1.9 B	1.6	3.7	2.0	2.3	1.4	1.4	1.2	1.3	2.0	1.6	04
05	1.4	1.7 B	1.5 B	6.4	1.9	2.3	1.5	1.4	1.3	1.3	1.8	1.2	05
06	1.5	1.6	1.4	3.3	1.8	2.1	1.4	1.4	1.3	1.3	1.7	1.2	06
07	1.5	1.5	1.4	3.2	1.9	1.9	1.4	1.4	1.3	1.3	1.6	1.2	07
08	1.5	1.5	1.4	2.9	3.1	1.7	1.3	1.4	1.3	1.4	1.6	1.6	08
09	1.5	1.5	1.5	3.1	2.9	1.6	1.3	1.4	1.3	1.3	1.6	1.4	09
10	1.5	1.5 B	1.5	4.6	2.8	1.5	1.3	1.3	1.3	1.3	1.6	1.3	10
11	1.5	1.5	1.4 B	2.8	3.8	1.5	2.1	1.3	1.3	1.3	1.5	3.2	11
12	1.5	1.5	1.4 B	2.4	2.6	1.5	1.5	1.3	1.3	1.3	1.5	1.8	12
13	1.5	1.5 B	1.4	2.3	2.5	1.7	1.4	1.3	1.3	1.5	1.6	1.5	13
14	1.5	1.4 B	1.4	2.3	2.2	1.5	1.3	1.3	1.2	1.8	2.6	1.4	14
15	1.5	1.5 B	2.0	2.4	1.9	1.6	1.3	1.3	1.3	1.7	2.3	1.3	15
16	1.5	1.5	2.3	2.6	1.8	1.6	1.3	3.6	1.3	2.0	1.8	1.3	16
17	1.5	1.5	8.5	3.2	1.9	1.5	1.3	2.5	1.3	1.9	1.7	1.3	17
18	2.3 B	1.5	17.1	8.3	4.1	1.8	1.3	1.5	1.3	1.8	1.8	1.3	18
19	2.6 B	1.5	7.5	3.5	7.0	1.7	1.3	3.7	1.3	2.0	2.7	1.3	19
20	1.9 B	1.5	5.7	2.7	3.0	1.5	1.3	1.5	1.3	2.4	2.0	1.3 B	20
21	1.6	2.0	10.7	2.6	2.5	1.4	1.4	1.4	1.3	1.5	1.6	1.3	21
22	1.5	2.2	4.4	2.7	2.3	1.4	1.4	1.4	1.3	1.4	1.5	1.3 B	22
23	1.9	1.9	4.5	4.3	2.1	1.7	1.3	1.3	1.3	1.4	1.5	1.3 B	23
24	15.8	1.7	8.7	2.9	2.0	1.6	1.4	1.3	1.3	1.5	1.6 B	24	
25	7.0 B	1.6	8.2	2.4	2.0	1.5	4.0	1.3	1.3	1.4	1.5	1.3 B	25
26	2.6 B	1.5	3.7	2.3	1.8	1.4	1.9	1.3	1.4	1.5	1.5	1.3	26
27	2.0 B	1.5	2.5	2.3	1.8	1.4	1.9	1.3	1.3	1.4	1.5	1.2	27
28	1.8 B	1.5	2.7	3.1	1.8	1.4	2.6	1.3	1.3	1.5	1.5	1.2	28
29	1.7 B	3.7	2.7	1.9	1.4	2.0	1.3	1.3	1.3	1.5	1.3	2.9	
30	11.3		2.3	2.3	1.7	1.6	1.5	1.3	1.3	1.3	1.5	1.3	30
31	9.8		2.1		1.5		1.4	1.3		1.3		1.3	31
TOTAL	88.8	48.2	117.4	104.5	75.0	51.2	48.9	48.5	38.8	45.9	54.0	44.2	TOTAL
MEAN	2.86	1.72	3.78	3.48	2.41	1.7	1.57	1.56	1.29	1.48	1.8	1.42	MEAN
AC-FT	176.13	95.6	232.86	207.27	148.76	101.55	96.99	96.19	76.95	91.04	107.1	87.67	AC-FT
MAX	15.8	3.4	17.1	11.7	7.0	2.9	4.0	3.7	1.3	2.4	3.8	3.2	MAX
MIN	1.4	1.4	1.4	2.3	1.5	1.4	1.3	1.3	1.2	1.3	1.4	1.2	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 2.1 CFS

TOTAL DISCHARGE, 1520 AC-FT

MAXIMUM DAILY DISCHARGE, 17.1 CFS

MINIMUM DAILY DISCHARGE, 1.2 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 1.9 SQUARE MILES.

REMARKS: OVAL STEEL ROAD CULVERT ACTS AS A BROAD-CRESTED CONTROL.

NATURAL FLOW

## SOPER CREEK NEAR TYRONE - STATION NO. 02HD221

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.3	1.9	1.8	4.1	2.0	1.4	1.2	1.6	1.3	1.3	2.4	1.4	01
02	1.3	2.5	1.8	6.3	2.1	1.4	1.3	1.3	1.2	1.3	1.8	1.3	02
03	1.3	2.8 B	1.8	7.2	2.0	1.3	1.3	1.3	1.3	1.3	1.6	1.3	03
04	1.3	2.1 B	2.4	6.1	2.0	1.3	1.5	1.2	1.4	1.3	1.5	1.5	04
05	1.3	1.9	3.0	7.0	2.0	1.3	1.4	1.2	1.3	1.3	1.5	1.4	05
06	1.3	1.8	2.9	10.2	1.9	1.3	1.3	1.2	1.2	1.2	1.5	1.3	06
07	1.3	1.8	2.6	12.6	1.8	1.2	1.3	1.2	1.2	1.2	1.5	1.3 B	07
08	1.3 E	1.8	2.2 B	15.7	2.4	1.2	1.3	1.2	1.3	1.3	1.5	1.4	08
09	1.3 E	1.8	2.0 B	14.2	2.1	1.2	1.4	1.2	1.4	1.3	1.4	2.5	09
10	1.3	1.8	2.0 B	10.3	1.9	1.3	2.2	1.2	1.3	1.3	2.1	1.9	10
11	1.3	1.8	1.9 E	8.3	1.8	1.5	1.6	1.2	1.2	1.3	1.9	1.5	11
12	1.4	1.8 B	1.9 E	7.3	1.7	1.3	1.5	1.2	1.2	1.2	2.6	1.4	12
13	1.4	1.7 B	2.0 E	5.6	1.7	1.2	1.4	1.2	1.3	1.4	1.9	1.4	13
14	1.4 B	1.8 B	2.3 E	6.0	1.6	1.2	1.5	1.2	1.3	1.5	1.7	1.4	14
15	1.4 B	1.7	5.9 E	4.2	1.9	1.2	1.4	1.5	1.3	1.4	1.7	1.4	15
16	1.5 B	1.7	1.9 E	4.7	4.1	1.2	1.6	1.2	1.3	1.5	1.3	1.6	16
17	1.6	1.7	2.0 E	4.8	3.4	1.3	1.4	1.2	1.3	1.3	1.4	1.7	17
18	1.6 B	1.8	3.3 E	4.7	2.2	1.3	1.4	1.2	1.4	1.3	1.3	1.8	18
19	1.4 B	1.7	5.9 E	4.2	1.9	1.2	1.4	1.5	1.3	1.3	1.2	1.4	19
20	1.6 B	1.7	6.4 E	11.0	1.7	1.2	3.0	1.3	1.3	1.3	2.5	1.4	20
21	1.3 B	1.8 B	6.9	5.1	1.6	1.2	1.7	1.3	1.3	2.0	1.5	1.4 B	21
22	1.7 B	1.8	7.9	3.4	1.8	1.2	1.4	1.3	1.3	2.0	1.4	1.4 B	22
23	1.7	1.8	7.5	3.0	1.7	1.2	1.3	1.2	1.3	1.5	1.3	1.4 B	23
24	1.8	1.8	8.2	4.1	1.6	1.2	1.3	1.2	1.2	1.4	1.3	1.4 B	24
25	1.8	1.8 B	8.9	3.6	1.8	1.2	1.3	1.2	1.6	1.4	1.3	1.4	25
26	1.8	1.8 B	10.0	2.9	2.1	1.3	1.3	1.3	1.7	1.4	1.3	1.4	26
27	1.8	1.8	9.4	2.5	1.6	1.6	1.3	1.2	1.4	1.4	1.4	1.4	27
28	1.8	1.8	5.9	2.3	1.5	1.2	1.3	1.2	1.3	1.4	1.8	1.4	28
29	2.3		4.0	2.2	1.4	1.2	1.2	1.2	1.3	1.4	1.4	1.4	29
30	2.2 B		3.4	2.2	1.4	1.2	1.3	1.8	1.3	1.9	1.4	1.4 B	30
31	1.9 B		3.4		1.4		1.3	1.4		3.3		1.4	31
TOTAL	47.7	52.0	127.6	186.9	60.5	38.0	45.4	39.3	39.5	45.4	48.3	44.8	TOTAL
MEAN	1.53	1.85	4.11	6.23	1.95	1.26	1.46	1.26	1.31	1.46	1.61	1.44	MEAN
AC-FT	96.61	103.14	253.09	370.71	120.0	75.37	90.05	77.95	78.34	90.05	95.8	88.86	AC-FT
MAX	2.3	2.8	10.0	15.7	4.1	1.6	3.0	1.8	1.7	3.3	2.6	2.5	MAX
MIN	1.3	1.7	1.8	2.2	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.3	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 2.1 CFS

TOTAL DISCHARGE, 1540 AC-FT

MAXIMUM DAILY DISCHARGE, 15.7 CFS

MINIMUM DAILY DISCHARGE, 1.2 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 1.9 SQUARE MILES.

REMARKS: OVAL STEEL ROAD CULVERT ACTS AS A BROAD-CRESTED CONTROL.

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.4	1.5	2.4	3.5	2.3	1.3	1.3	1.2	1.2	1.2	1.3	1.3	01
02	1.4	1.5	2.1	3.5	2.5	1.4	1.2	1.2	1.2	1.2	1.3	1.3	02
03	1.4	1.5	2.0	7.6	2.2	1.8	1.2	1.2	1.2	1.2	1.3	1.3	03
04	1.5	1.5	1.8	3.9	2.1	1.4	1.2	1.2	1.2	1.2	1.3	1.3	04
05	1.8	2.1	1.8	3.8	2.0	1.3	1.3	1.2	1.2	1.2	1.3	1.3	05
06	1.5	1.8	1.7	5.8	1.9	1.3	3.3	1.2	1.2	1.2	1.3	1.7	06
07	1.4 B	1.7	1.8	10.2	1.8	1.3	1.4	1.2	1.2	1.2	1.3	1.7	07
08	1.4 B	1.7	1.7	8.4	1.9	1.6	1.6	1.2	1.2	1.2	1.3	1.5	08
09	1.5	1.6 B	1.6 B	15.0	1.9	1.4	1.3	1.2	1.2	1.2	1.3	2.0	09
10	1.5	1.6	1.6 B	10.0	1.7	1.3	1.2	1.2	1.2	1.2	1.4	2.4	10
11	1.5	1.6	1.6	9.8	1.7	1.3	1.2	1.2	1.2	1.2	1.3	1.9	11
12	1.5 B	1.6	1.6	8.2	1.9	1.3	1.2	1.2	1.2	1.2	1.4	1.5	12
13	1.5 B	1.6 B	1.6	12.9	1.7	2.1	1.3	1.2	1.2	1.2	1.4	1.4	13
14	1.5	1.6 B	1.6	6.3	1.5	1.4	1.3	1.2	1.2	1.2	1.3	1.4	14
15	1.5	1.6	2.7	5.4	1.5	1.3	1.2	1.2	1.2	1.2	1.4	2.4	15
16	1.5 B	1.6	3.6	5.4	1.5	1.3	1.2	1.2	1.2	1.2	1.3	1.8	16
17	1.5 B	1.6	2.7	4.8	1.5	1.3	1.2	1.2	1.2	1.2	1.3	1.5	17
18	1.5 B	1.6	2.4	4.8	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.4	18
19	1.6 B	1.5	2.4	4.6	1.4	1.3	1.2	1.2	1.2	1.2	1.4	1.4	19
20	1.6 B	2.0	2.1	4.0	1.5	1.3	1.2	1.2	1.2	2.1	1.3	1.5	20
21	1.6 B	2.0	1.9	3.6	1.4	1.3	1.2	1.2	1.2	1.2	1.4	1.5	21
22	1.6	1.7	1.8	3.2	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.4 B	22
23	1.6	2.0	1.8	2.9	1.4	1.2	1.3	1.3	1.2	1.2	1.3	1.4 B	23
24	1.6	1.8	1.7	2.8	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.7	24
25	1.6	1.7	1.7	2.7	1.5	1.5	1.3	1.2	1.2	1.2	1.3	1.5 B	25
26	1.8 B	1.8	1.7	2.6	1.4	1.3	1.6	1.3	1.2	1.2	1.3	1.4	26
27	1.7 B	3.6	1.7	2.4	1.6	1.4	1.3	1.4	1.2	1.2	1.3	1.4	27
28	1.6 B	3.4	1.8	2.5	1.4	2.0	1.3	1.3	1.2	1.2	1.3	1.5	28
29	1.5	1.7	2.7	1.4	1.3	1.3	1.3	1.2	1.2	1.2	1.4	1.4	29
30	1.6	1.8	2.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.4 B	30
31	1.5 B		2.1		1.3		1.2		1.2		1.3		1.4 B 31
TOTAL	47.7	50.8	60.5	175.7	51.4	41.9	41.3	37.8	37.3	39.9	40.0	48.0	TOTAL
MEAN	1.53	1.81	1.95	5.85	1.65	1.39	1.33	1.21	1.24	1.28	1.33	1.54	MEAN
AC-FT	94.61	100.76	120.0	348.5	101.95	83.1	81.91	74.97	73.98	79.14	79.34	95.2	AC-FT
MAX	1.8	3.6	3.6	19.0	2.5	2.1	3.3	1.4	2.1	1.4	1.4	2.4	MAX
MIN	1.4	1.5	1.6	2.4	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.3	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 1.8 CFS  
 TOTAL DISCHARGE, 1330 AC-FT  
 MAXIMUM DAILY DISCHARGE, 15.0 CFS  
 MINIMUM DAILY DISCHARGE, 1.2 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.

B - ICE CONDITIONS  
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 1.9 SQUARE MILES.  
 REMARKS: OVAL STEEL ROAD CULVERT ACTS AS A BROAD-CRESTED CONTROL.

NATURAL FLOW

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.4	1.5	1.5	4.0	2.9	1.7	1.5	1.4	1.3 E	1.5	1.7	1.7	01
02	1.4	1.5	1.6	4.7	3.8	1.8	1.4	1.7	1.3 E	1.5	1.9	1.6	02
03	1.4	1.6 B	1.5	6.1	4.7	1.5	1.4	1.5	1.3 E	1.5	1.8	1.5	03
04	1.4	1.5 B	1.5	5.7	3.1	1.5	1.4	1.4	1.3 E	1.5	1.8	1.5	04
05	1.4 B	1.5 B	1.5	3.7	2.8	1.4	1.4	1.4	1.3 E	1.4	1.8	1.5	05
06	1.4 B	1.5	1.5 B	3.0	3.2	1.5	1.4	1.4	1.4 E	1.7	1.7	2.0	06
07	1.4 B	1.5 B	1.6	2.5 B	2.9	1.4	1.4	1.7	1.4 E	1.5	3.4	1.8	07
08	1.4 B	1.5 B	1.7	2.4	2.6	1.5	1.4	1.9	1.6 E	1.5	2.2	1.8	08
09	1.5	1.5 B	1.6 B	2.6	2.4	1.6	1.4	1.5	1.4 E	1.5	1.9	1.8	09
10	1.5	1.5 B	1.6	4.7	2.2	1.4	1.5	1.5	1.4 E	1.5	1.9	1.8	10
11	1.5	1.5	1.6 B	17.4	2.1	1.4	1.4	1.4	1.3 E	1.5	1.9	1.7	11
12	1.4	1.5	1.7	20.5	2.1	1.4	1.4	1.5	1.3 E	1.5	1.8	0.7	13
13	1.4	2.0	1.7	37.1	2.0	1.4	1.6	1.4	1.3 E	1.5	1.7	2.8	14
14	1.4 B	2.3	1.6	18.9	2.6	1.5	1.5	1.5	1.2 E	1.5	1.7	2.2 B	15
15	1.4 B	1.9	1.6	11.3	2.7	1.4	2.5	1.4	1.2 E	1.5	1.7	2.1 B	16
16	1.4 B	1.7	1.9	10.3	2.4	1.4	2.0	1.4	1.2 E	1.5	1.7	2.0 B	17
17	1.4 B	1.6	2.3	18.4	2.3	1.4	1.5	1.5	1.2 E	1.5	1.7	1.9	18
18	1.4	1.6	2.3	11.3	2.5	1.4	1.5	1.4	1.2 E	1.5	1.7	1.9	19
19	1.9	1.6 B	1.9	8.1	2.1	1.4	1.4	1.4	1.2 E	1.5	1.7	1.9	20
20	1.6	1.6 B	1.8	7.7	1.9	1.4	1.4	1.4	1.3 E	1.5	1.7	1.9	21
21	1.5	1.6 B	1.7	5.2	1.8	1.5	1.4	1.3 E	1.4	1.5	1.6	1.9	22
22	1.6	1.5	4.4	6.3	1.7	1.8	1.6	1.9 E	1.4	3.6	1.6	1.9	23
23	2.8	1.5	4.1	5.4	1.6	2.6	1.6	1.9 E	1.4	2.1	1.6	1.9	24
24	1.8	1.5	2.8	4.3	1.6	2.5	1.4	1.6 E	1.4	1.9	1.7	2.0	25
25	1.9 B	1.5	2.4	3.8	1.5	1.8	1.5	1.6 E	1.4	1.9	2.4	2.0	26
26	1.5 B	1.5	2.1	3.6	1.5	1.7	1.4	1.9 E	1.4	2.2	2.0	27	27
27	1.5 B	2.0	3.4	1.5	1.5	1.4	1.6 E	1.4	1.8	1.9	1.9	28	28
28	1.5	1.5	1.9	3.3	1.5	1.5	1.4	1.5 E	1.5	2.3	1.8	1.8 B	29
29	1.5	1.5	2.1	3.2	1.5	1.5	1.4	1.5 E	1.5	2.2	1.9	1.7	30
30	1.5	2.8	3.0	1.7	1.7	1.4	1.4	1.3 E	1.4	1.8	5.6	31	31
TOTAL	47.6	46.0	63.5	239.9	70.9	47.7	46.3	46.3	42.1	52.5	55.8	71.1	TOTAL
MEAN	1.53	1.58	2.04	7.99	2.28	1.59	1.49	1.49	1.4	1.69	1.56	2.29	MEAN
AC-FT	94.41	91.24	125.95	475.84	140.63	94.61	91.83	91.83	83.5	104.13	110.67	141.06	AC-FT
MAX	2.8	2.3	4.4	37.1	4.7	2.6	2.5	1.9	2.4	3.6	3.4	5.1	MAX
MIN	1.4	1.5	1.5	2.4	1.5	1.4	1.4	1.3	1.2	1.4	1.6	1.5	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 2.3 CFS  
 TOTAL DISCHARGE, 1650 AC-FT  
 MAXIMUM DAILY DISCHARGE, 37.1 CFS  
 MINIMUM DAILY DISCHARGE, 1.2 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 1.9 SQUARE MILES.  
 REMARKS: OVAL STEEL ROAD CULVERT ACTS AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED  
 NATURAL FLOW

SOPER CREEK NEAR TYRONE - STATION NO. 02HD221  
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	4.5	2.2	3	1.4	16.3	2.4	1.9	1.4	1.6	1.3	1.3	2.6	1.5	01
02	2.8	18.2	1	7	8.3	2.0	1.7	1.4	1.4	1.3	1.4	1.9	1.4	02
03	2.3	4.5	11.3	7.8	3.6	1.6	1.4	1.4	1.3	1.5	1.7	1.4	03	
04	3.1	1.9	33.3	5.5	2.5	1.7	1.4	1.3	1.3	1.4	1.4	1.5	04	
05	2.5	1.6	3.9	5.9	2.3	2.2	1.5	1.3	1.3	1.4	1.4	1.8	05	
06	2.1	3	1.4	19.7	3.8	2.1	2.0	1.3	1.3	1.3	1.3	1.4	1.5	06
07	2.0	8	1.4	18.1	3.3	1.9	2.3	1.3	1.3	1.3	1.3	1.5	1.4	07
08	2.0	8	1.4	6.6	3.0	2.8	1.8	1.3	1.3	1.3	1.3	1.6	1.4	08
09	1.9	8	1.4	3.9	2.9	4.4	1.7	1.3	1.3	1.3	1.3	1.4	1.5	09
10	1.4	1.3	8	4.4	2.9	1.5	1.3	1.3	1.3	1.3	1.3	1.4	1.6	10
11	1.8	1.3	8	14.6	2.8	4.0	1.5	1.3	1.3	1.3	1.3	1.4	1.5	11
12	1.8	1.3	8	6.0	2.6	1.4	1.3	1.3	1.3	1.3	1.4	1.5	1.5	12
13	1.9	1.3	8	3.8	2.5	2.4	1.6	1.3	1.3	1.3	1.4	1.4	1.5	13
14	2.0	1.3	8	3.6	2.4	2.2	1.3	1.3	1.3	1.3	1.4	1.4	1.5	14
15	2.0	1.3	8	4.3	2.3	2.2	1.3	1.3	1.3	1.3	1.4	2.8	1.4	15
16	2.0	1.3	8	3.4	2.3	2.1	1.4	1.3	1.3	1.3	1.4	2.0	1.4	16
17	2.1	1.3	12	7	2.3	2.2	1.4	1.3	1.3	1.3	1.4	1.6	1.4	17
18	4.3	1.3	8	3.8	2.2	2.0	1.5	1.3	2.7	1.5	1.4	1.6	1.4	18
19	11.0	1.3	8	3.1	2.2	1.9	1.4	1.3	1.4	1.3	1.4	1.6	1.4	19
20	4.7	1.3	8	2.9	2.1	1.8	1.4	1.3	1.3	1.3	1.4	1.5	1.5	20
21	2.7	8	1.3	2.7	2.0	1.8	1.4	1.3	1.3	1.3	1.4	1.7	1.5	21
22	5.7	1.3	8	2.6	2.8	1.7	1.4	1.3	1.3	1.3	1.4	1.8	1.5	22
23	7.6	1.3	8	3.2	2.2	1.7	1.3	1.3	1.3	1.3	1.4	1.6	1.5	23
24	3.4	1.3	8	3.8	2.0	1.7	1.4	1.3	1.3	1.4	1.4	1.9	1.5	24
25	2.8	1.3	8	3.4	2.0	1.6	1.4	1.3	1.3	1.3	1.4	1.8	1.8	25
26	3.0	1.3	8	3.3	1.9	1.9	1.3	1.3	1.3	1.3	1.3	1.6	2.4	26
27	2.9	1.3	8	2.6	2.4	1.8	1.4	1.3	1.3	1.3	1.3	1.6	3.6	27
28	2.8	1.4	8	2.5	4.4	3.6	3.6	1.5	1.3	1.3	1.4	2.6	2.7	28
29	2.5	8	2.8	2.9	2.3	2.0	1.4	1.3	1.3	1.3	1.3	1.8	2.1	29
30	2.4	8	4.3	2.3	2.0	1.5	1.3	1.3	1.3	1.3	1.3	1.7	1.9	30
31	2.2	8	8	3.8	2.5			1.3	1.3		1.8		1.8	31

TOTAL	96.7	58.8	197.5	108.3	73.7	49.1	41.2	42.2	39.6	44.2	51.2	51.8	TOTAL
MEAN	3.11	2.1	6.37	3.61	2.37	1.63	1.32	1.36	1.32	1.42	1.7	1.67	MEAN
AC-FT	191.8	116.62	391.74	214.81	146.18	97.38	81.72	83.7	78.54	87.67	101.55	102.74	AC-FT
MAX	11.0	18.2	33.3	16.3	4.4	3.6	1.5	2.7	1.05	2.3	2.8	3.6	MAX
MIN	1.8	1.3	1.4	1.9	1.6	1.3	1.3	1.3	1.3	1.3	1.4	1.4	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 2.3 CFS

TOTAL DISCHARGE, 1690 AC-FT

MAXIMUM DAILY DISCHARGE, 33.3 CFS

MINIMUM DAILY DISCHARGE, 1.3 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 1.9 SQUARE MILES.

REMARKS: OVAL STEEL ROAD CULVERT ACTS AS A BROAD-CRESTED CONTROL.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.8	2.9	3.8	9.0	2.3	1.7	1.6	1.5	1.4	1.7	1.4	1.5	01
02	1.7	8	2.1	8	2.7	11.7	1.9	1.6	1.6	1.3	1.4	1.6	02
03	1.7	1.8	8	3.3	5.3	1.9	1.5	5.5	1.7	1.8	1.5	1.6	03
04	1.7	1.7	18.3	9.6	1.8	1.5	1.9	1.9	1.9	1.5	1.5	1.5	04
05	1.6	1.5	8	26.0	2.3	1.8	1.5	1.6	1.6	1.4	1.4	1.5	05
06	1.6	1.6	8	10.0	2.3	2.2	1.5	1.5	1.7	1.4	1.5	1.5	06
07	1.6	1.6	8	7.8	2.3	2.0	1.4	1.4	1.6	1.3	1.5	1.5	07
08	1.6	8	1.6	3.1	2.3	1.8	1.4	1.3	1.5	1.4	1.4	2.8	08
09	1.6	8	1.6	2.7	2.3	2.8	1.4	1.3	1.4	1.1	1.4	1.9	09
10	1.6	1.6	8	2.7	2.3	2.2	1.4	1.4	1.3	1.1	1.4	1.6	10
11	1.6	1.7	8	2.7	2.2	2.0	1.4	1.3	1.1	1.1	1.3	1.6	11
12	1.6	8	2.6	2.3	8.0	1.5	1.2	1.3	1.1	1.4	1.6	1.7	12
13	1.6	8	1.7	2.8	2.5	3.3	1.4	1.2	1.6	1.5	1.6	1.9	13
14	1.6	1.7	2.6	3.7	2.5	1.4	1.2	1.5	1.6	1.9	1.8	1.8	14
15	1.6	1.7	2.6	3.5	3.4	2.4	1.2	1.4	1.3	1.5	1.6	1.6	15
16	1.7	1.7	2.6	2.4	4.1	1.9	1.2	1.3	1.2	1.4	1.5	1.8	16
17	1.6	1.7	2.6	2.3	7.0	1.6	1.2	1.3	1.2	1.4	1.6	1.8	17
18	1.6	8	1.7	2.7	6.0	2.8	1.8	1.2	1.4	1.4	1.5	1.7	18
19	1.6	8	1.7	2.6	4.7	2.4	2.9	1.2	1.2	1.3	1.4	1.7	19
20	1.6	1.7	2.5	2.0	2.3	2.3	1.2	1.2	1.3	1.4	3.1	1.6	20
21	2.3	1.7	2.5	1.9	2.2	1.8	1.1	1.2	1.2	1.4	2.7	1.6	21
22	2.1	3.2	2.5	2.9	2.1	1.6	1.1	1.2	1.2	1.4	1.8	1.6	22
23	2.3	3.2	2.5	3.0	2.1	1.5	1.2	1.2	1.1	1.4	1.7	1.6	23
24	2.1	2.1	8	2.5	2.7	2.0	1.4	1.2	1.1	1.4	1.4	1.6	24
25	1.9	1.9	2.5	2.0	2.2	1.5	1.4	1.2	1.4	1.4	1.7	1.6	25
26	1.9	1.8	2.4	2.0	1.9	1.5	1.4	1.2	1.2	1.4	1.5	1.6	26
27	31.2	1.8	2.4	1.9	1.9	1.4	1.5	2.1	2.0	1.4	1.5	1.6	27
28	5.8	3.1	2.4	1.9	1.8	1.4	1.4	2.5	2.0	1.4	1.5	1.6	28
29	3.6	2.4	2.4	2.3	2.2	2.1	1.6	2.3	2.9	1.4	1.5	1.6	29
30	3.7	2.5	2.2	1.9	1.9	1.7	1.7	2.0	2.2	1.5	1.5	1.6	30
31	4.3	5.9	1.8			1.5	1.7			1.4		1.5	31

TOTAL	93.8	53.8	137.2	104.0	80.4	49.4	46.4	47.1	44.4	44.7	49.0	51.9	TOTAL
MEAN	3.02	1.92	4.42	3.46	2.59	1.64	1.49	1.51	1.48	1.44	1.63	1.67	MEAN
AC-FT	186.05	106.71	272.13	206.28	159.47	97.98	92.03	93.42	88.06	88.66	97.19	102.94	AC-FT
MAX	31.2	3.2	26.0	11.7	6.0	2.9	5.5	2.5	2.9	1.9	3.1	2.8	MAX
MIN	1.6	1.5	2.4	1.9	1.8	1.4	1.1	1.2	1.1	1.1	1.3	1.5	MIN

SUMMARY FOR THE YEAR 1974	MEAN DISCHARGE, 2.2 CFS	LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.	B - ICE CONDITIONS
TOTAL DISCHARGE, 1590 AC-FT		TYPE OF GAUGE: CONTINUOUS RECORDING.	E - ESTIMATED
MAXIMUM DAILY DISCHARGE, 31.2 CFS		DRAINAGE AREA: 1.9 SQUARE MILES.	NATURAL FLOW
MINIMUM DAILY DISCHARGE, 1.1 CFS		REMARKS: OVAL STEEL ROAD CULVERT ACTS AS A BROAD-CRESTED CONTROL.	

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.6	1.6	1.9	2.5	2.5	2.2	1.3	1.2	1.2	1.2	1.4	1.8	01
02	1.5	1.5 B	1.8	2.3 B	2.4	1.7	1.3	1.2	1.2	1.2	1.3	1.4	02
03	1.5	1.5 B	1.8 B	2.3 B	2.3	1.7	1.3	1.3	1.1	1.2	1.3	1.3	03
04	1.6	1.5 B	1.8 B	2.3 B	3.4	1.6	1.3	1.2	1.2	1.2	1.2	1.3	04
05	1.6	1.6	1.7	2.3 B	3.4	1.6	1.3	1.2	1.2	1.2	1.2	1.3	05
06	1.6	1.6	1.8	2.3	2.6	1.6	1.3	1.2	1.1	1.2	1.2	1.0	06
07	1.6	1.6	1.7 B	2.4	2.3	1.6	1.3	1.2	1.1	1.2	1.2	1.6	07
08	1.6	1.6	1.7 B	2.6	2.2	1.5	1.3	1.2	1.1	1.2	1.2	1.3	08
09	4.7	1.6 B	1.7 B	2.9	2.1	1.5	1.3	1.2	1.1	1.2	1.2	1.3	09
10	3.1	1.6 B	1.8	2.9	2.0	1.5	1.3	1.2	1.1	1.2	2.2	1.3	10
11	8.6	1.6	1.8	3.3	2.0	1.5	1.4	1.3	1.3	1.2	1.4	1.3	11
12	2.2 B	1.6	2.0	3.1	2.0	2.0	1.3	1.2	1.9	1.2	1.3	1.3	12
13	1.7 B	1.6	3.5	3.3	1.9	1.7	1.3	1.2	1.2	1.3	1.2	1.3	13
14	1.6	1.6	3.2 B	4.2	1.8	1.6	1.3	1.2	1.2	1.3	1.2	1.4	14
15	1.5	1.6	3.1	4.2	2.0	1.6	1.2	1.2	1.2	1.2	1.2	1.0	15
16	1.5	1.6	3.8	4.2	2.3	1.7	1.2	1.2	1.1	1.2	1.2	2.0	16
17	1.5 B	1.6	6.8	4.3	1.9	1.5	1.2	1.2	1.2	1.2	1.5	1.7	17
18	1.5	2.0	10.1	5.1	1.8	1.6	1.2	1.2	1.3	1.2	1.4	1.8	18
19	1.6 B	1.9	26.0	14.0	1.8	2.5	1.4	1.2	1.9	1.2	1.4	8.9	19
20	1.6 B	1.8	10.6	4.5	1.7	1.8	1.9	1.1	1.5	1.2	1.2	1.7 B	20
21	1.6 B	1.7	3.3	3.7	2.2	1.6	1.4	1.1	1.3	1.2	1.4	1.7 B	21
22	1.6	2.1	11.3	3.6	1.8	1.5	1.3	1.1	1.2	1.2	1.4	1.7 B	22
23	1.5	10.7	3.8	3.7	1.6	1.5	1.2	1.1	1.2	1.2	1.3	1.7 B	23
24	1.6	53.8	4.8	4.7	1.6	1.5	1.3	1.4	1.2	1.2	1.2	1.7 B	24
25	2.0	4.9	4.9	3.2	1.6	1.4	1.3	1.2	1.1	1.2	1.2	1.7 B	25
26	2.5	2.4	2.6 B	2.8	1.6	1.4	1.2	1.2	1.2	1.1	1.2	1.7 B	26
27	1.7 B	2.1	2.2 B	2.6	1.6	1.4	1.3	1.2	1.2	1.1	1.7	1.7 B	27
28	1.7	1.9	2.3 B	2.5	1.5	1.4	1.2	1.1	1.2	1.1	1.6	1.7 B	28
29	1.8	2.9	2.4	1.5	1.4	1.2	1.2	1.1	1.1	1.4	1.5 B	29	
30	1.6	2.5	2.3	2.9	1.3	1.2	1.3	1.1	1.1	1.1	1.7	1.8	30
31	1.6		2.3		2.6		1.2	1.2		1.2		2.3 B	31
TOTAL	62.9	112.2	131.5	106.5	64.9	48.4	40.2	37.2	37.0	37.0	39.8	50.1	TOTAL
MEAN	2.02	4.0	4.24	3.55	2.09	1.61	1.29	1.2	1.23	1.19	1.32	1.01	MEAN
AC-FT	124.76	222.54	260.83	211.24	128.72	96.0	79.73	73.78	73.38	73.38	78.94	99.37	AC-FT
MAX	8.6	53.8	26.0	14.0	3.4	2.5	1.9	1.4	1.9	1.4	2.2	3.0	MAX
MIN	1.5	1.5	1.7	2.3	1.5	1.3	1.2	1.1	1.1	1.1	1.2	1.3	MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 2.1 CFS  
 TOTAL DISCHARGE, 1520 AC-FT  
 MAXIMUM DAILY DISCHARGE, 53.8 CFS  
 MINIMUM DAILY DISCHARGE, 1.1 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION  
 ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.

B - ICE CONDITIONS  
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 1.9 SQUARE MILES.

NATURAL FLOW

REMARKS: OVAL STEEL ROAD CULVERT ACTS  
 AS A BROAD-CRESTED CONTROL.

## SOPER CREEK NEAR TYRONE - STATION NO. 02HD221

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	2.2 B	1.6 B	4.6 B	6.8	2.2	2.4	2.3	2.0	1.6	1.4	1.5	1.2 B	01	
02	1.8 B	1.6 B	3.0 B	4.3	2.2	1.9	2.0	1.5	1.4	1.4	1.5	1.2 B	02	
03	1.9 B	1.5 B	2.7 B	3.8	2.6	1.7	2.6	1.4	1.3	1.4	1.5	1.1 B	03	
04	1.7 B	1.5 B	2.8	3.3	2.2	1.6	2.2	1.4	1.5	1.4	1.5	1.1 B	04	
05	1.6 B	1.5 B	10.3	3.1	2.1	1.5	1.6	1.4	1.3	1.4	1.5	1.1 B	05	
06	1.6 B	1.5 B	8.5	3.0	2.6	1.5	1.5	1.4	1.3	1.3	1.5	1.1 B	06	
07	1.5 B	1.5 B	4.2	2.8	4.9	1.6	1.5	1.3	1.3	1.5	1.4	1.0 B	07	
08	1.5 B	1.5 B	3.1	2.7	3.0	1.4	1.5	1.4	1.3	1.3	1.8	1.0 B	08	
09	1.5 B	1.5 B	2.8	2.6	2.5	1.4	1.3	1.4	1.3	1.3	1.4	1.0 B	09	
10	1.5 B	1.5 B	2.7	2.5	2.5	1.4	1.3	1.3	1.3	1.7	1.5	1.0 B	10	
11	1.4 B	1.6 B	2.5	2.4	2.7	1.4	2.5	1.3	1.4	1.5	1.5	1.0 B	11	
12	1.4 B	1.6	2.5	2.3	2.6	1.3	1.4	1.5	1.3	1.5	1.5	1.0 B	12	
13	1.4 B	1.6	3.7	2.4	2.3	1.4	1.5	1.6	1.3	1.5	1.5	1.0 B	13	
14	1.5 B	1.6	2.9	2.3	2.3	2.0	1.4	1.6	1.3	1.4	1.5	0.998	15	
15	1.5 B	1.7	2.6	3.6	2.3	1.5	1.3	1.6	1.3	1.4	1.5	0.998	16	
16	1.4 B	2.5	2.5 B	4.7	6.8	1.9	1.3	1.4	1.3	1.4	1.4	0.958	17	
17	1.4 B	3.5	2.4 B	2.8	6.9	1.6	1.4	1.3	1.4	1.4	1.5	0.958	18	
18	1.4 B	3.7	2.3 B	2.5	3.7	1.5	1.4	1.3	1.3	1.4	1.5	0.958	19	
19	1.4 B	8.3	2.9	2.3	4.8	1.9	1.3	1.3	1.3	1.4	1.4	1.1 B	20	
20	1.4 B	3.6	20.7	2.2	3.4	1.6	1.3	1.3	1.5	1.7	1.4	0.958	21	
21	1.4 B	2.7	31.4	2.2	2.6	2.1	1.4	1.3	1.4	1.6	1.6	1.3	0.958	22
22	1.4 B	8.2	5.0 B	2.7	2.4	3.1	1.2	1.2	1.6	1.6	1.6	0.958	23	
23	1.4 B	5.4	7.2 B	2.6	2.3	1.7	1.3	1.2	1.4	1.6	1.6	0.958	24	
24	1.4 B	3.1	11.2	2.2	2.2	1.6	1.3	1.2	1.2	1.4	1.6	0.958	25	
25	1.4 B	4.3	12.3	3.8	2.1	2.6	1.2	1.2	1.4	1.6	1.2	0.958	26	
26	2.2 B	7.6	6.3	3.4	2.1	1.7	1.2	1.3	1.6	1.5	2.1	0.958	27	
27	3.4 B	9.8	10.2	3.4	2.0	1.6	1.2	1.6	1.4	1.5	1.4 B	0.958	28	
28	2.5 B	6.6	5.6	2.8	1.8	1.4	1.2	1.8	1.3	1.4	1.3 B	0.958	29	
29	2.0 B	5.8	4.2	2.6	1.8	1.7	1.8	1.3	1.5	1.5	1.5	1.2 B	0.958	30
30	1.9 B		4.6	2.2	1.8	3.0	1.5	1.3	1.4	1.5	1.5	1.0 B	31	
31	1.7 B		10.2		3.5		3.2	1.3			1.5		31.38	TOTAL
TOTAL	51.5	98.4	197.9	90.1	89.2	53.1	49.6	42.7	42.1	47.3	43.6	31.38		
MEAN	1.66	3.39	6.38	3.0	2.87	1.77	1.6	1.37	1.4	1.52	1.45	1.01	MEAN	
AC-FT	102.15	195.17	392.53	178.71	176.92	105.32	98.38	84.69	83.5	93.81	86.48	62.24	AC-FT	
MAX	3.4	9.8	31.4	6.8	6.9	3.1	3.2	2.0	1.6	1.9	2.1	1.7	MAX	
MIN	1.4	1.5	2.3	2.2	1.8	1.3	1.2	1.2	1.3	1.4	1.2	0.95	MIN	

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 2.3 CFS  
 TOTAL DISCHARGE, 1660 AC-FT  
 MAXIMUM DAILY DISCHARGE, 31.4 CFS  
 MINIMUM DAILY DISCHARGE, 1.0 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION  
 ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE.

B - ICE CONDITIONS  
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 1.9 SQUARE MILES.  
 REMARKS: OVAL STEEL ROAD CULVERT ACTS  
 AS A BROAD-CRESTED CONTROL.

NATURAL FLOW

SOPER CREEK NEAR TYRONE - STATION NO. 02HD221  
 DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.0 8	1.0 8	1.3	2.4	1.8	1.3	1.1	1.1	1.0	1.9	1.5	6.2	01
02	1.0 B	1.0 B	1.2	4.0	2.0	1.2	1.0	0.96	2.0	1.7	1.5	2.9	02
03	1.0 8	1.0 8	1.2	4.4	1.8	1.1	1.0	0.95	1.2	1.5	1.5	2.4	03
04	1.0 8	1.0 8	2.9	2.7	1.8	1.1	1.1	0.96	1.1	1.4	1.5	2.1	04
05	1.0 B	1.0 B	8.1	5.0	1.8	1.0	1.0	1.0	1.0	1.3	1.5	1.8 B	05
06	1.0 B	1.0 B	3.9	2.6	1.8	1.0	1.1	1.1	1.0	1.4	1.5	1.8 B	06
07	1.1 B	1.0 B	2.6	2.3	1.7	1.0	1.1	0.98	1.0	1.3	3.2	1.8 B	07
08	1.0 B	1.0 B	3.1	2.3	1.8	1.0	1.1	0.99	1.0	2.0	3.4	1.8 B	08
09	1.0 B	1.0 B	11.2	2.4	1.9	1.0	0.99	0.97	1.0	2.9	2.1	1.8 B	09
10	1.0 B	1.0 B	15.8	2.5	1.8	1.0	0.96	1.7	1.0	1.8	3.7	1.8 B	10
11	1.0 B	1.0 B	11.4	2.4	1.7	1.0	0.97	1.2	1.0	1.6	2.5	1.8 B	11
12	1.0 B	1.1 B	10.0	2.2	1.6	1.0	1.0	1.1	0.97	1.6	2.1	1.9 B	12
13	1.0 B	1.4 B	25.4	2.1	1.5	1.0	0.98	0.99	1.2	1.6	1.9	1.9 B	13
14	1.1 B	1.2 B	7.3	2.0	1.5	0.99	0.96	1.0	1.2	1.5	1.9	4.8	14
15	1.1 B	1.1 B	5.1	1.9	1.4	0.98	0.98	0.96	1.0	1.5	1.9	3.8	15
16	1.0 B	1.1 B	4.6	1.8	1.4	0.97	0.97	1.5	1.4	1.6	2.9	2.8	16
17	1.0 B	1.1 B	3.3	1.8	1.4	1.1	0.98	1.2	1.2	1.5	4.0	2.5	17
18	1.0 B	1.1 B	2.7	1.8	1.5	1.3	0.98	0.98	1.1	1.5	2.9	2.4	18
19	1.0 B	1.1 B	2.7	1.7	1.4	1.1	1.0	0.95	1.1	1.5	2.4	2.3	19
20	1.0 B	1.1 B	2.6	1.8	1.3	1.1	0.96	0.97	1.7	1.5	2.3	2.3	20
21	1.0 B	1.1 B	2.8	1.8	1.2	1.0	0.96	0.96	1.3	1.5	2.3	2.5	21
22	1.0 B	1.1 B	2.7	3.0	1.2	0.99	0.94	1.2	1.2	1.5	2.2	2.3	22
23	1.0 B	1.1 B	2.6	3.4	1.2	0.98	0.93	1.0	1.2	1.5	2.4	2.2	23
24	1.0 B	1.4	2.4	3.4	1.2	0.99	0.94	1.1	1.2	1.5	2.4	2.2	24
25	1.0 B	1.7	2.2	2.9	1.2	1.2	0.93	1.0	2.3	1.5	2.2	4.5	25
26	1.0 B	1.4	2.3	2.4	1.1	1.0	0.92	0.98	1.9	1.5	2.8	2.7 B	26
27	1.0 B	1.3	2.6	2.2	1.1	0.99	0.92	0.98	1.5	1.5	1.8	2.4 B	27
28	1.0 B	1.4	3.1	2.0	1.1	1.0	0.92	0.99	1.4	1.5	1.8	2.3 B	28
29	1.0 B		3.9	1.9	1.1	1.4	0.94	0.97	1.3	1.5	1.8	2.2	29
30	1.0 B		3.3	1.8	1.1	1.1	0.95	0.99	1.3	1.5	1.9	2.2	30
31	1.0 B		3.1		1.1		1.2	0.99		1.5		2.2	31
TOTAL	31.3	31.8	157.4	74.9	45.5	31.89	30.78	32.72	37.77	49.1	67.8	78.6	TOTAL
MEAN	1.0	1.13	5.07	2.49	1.46	1.06	0.99	1.05	1.25	1.58	2.26	2.53	MEAN
AC-FT	62.08	63.07	312.2	148.56	90.24	63.25	61.05	64.9	74.91	97.38	134.48	155.9	AC-FT
MAX	1.1	1.7	25.4	5.0	2.0	1.4	1.2	1.7	2.3	2.9	4.0	6.2	MAX
MIN	1.0	1.0	1.2	1.7	1.1	0.97	0.92	0.95	0.97	1.3	1.5	1.8	MIN

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 1.8 CFS  
 TOTAL DISCHARGE, 1330 AC-FT  
 MAXIMUM DAILY DISCHARGE, 25.4 CFS  
 MINIMUM DAILY DISCHARGE, 0.92 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 1.9 SQUARE MILES.  
 REMARKS: OVAL STEEL ROAD CULVERT ACTS AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED  
 NATURAL FLOW

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.2	2.1		24.6	2.4	1.7							01
02	2.1	2.1		9.6	2.4	1.7							03
03	2.1	2.1		5.1	2.3	1.7							04
04	2.0	2.1		5.1	2.2	1.6							05
05	2.0	2.1		10.1	2.4	1.7							
06	2.1	2.1		8.3	2.6	1.6							06
07	2.1	2.1		20.7	2.5	1.7							07
08	5.2	2.1		6.4	2.4	1.7							08
09	5.2	2.1		5.6	3.8	1.7							09
10	3.2	2.1		4.7	2.8	1.6							10
11	2.8	2.1		10.9	2.4	1.6							11
12	2.6	2.1		7.9	2.5	1.7							12
13	2.5	2.1		7.8	2.8	2.1							13
14	2.5	2.0		5.1	9.1	1.7							14
15	2.4	2.0		4.4	4.7	1.6							15
16	2.3	2.0		4.4	3.1								16
17	2.3	2.0		4.1	3.0								17
18	2.3	2.0		4.1	3.3								18
19	2.2	2.0		5.5	3.0								19
20	2.3	2.0		9.8	3.5								20
21	2.3	2.0		6.7	3.5								21
22	2.2	2.0		4.3	2.5								22
23	2.2	2.0		3.6	2.3								23
24	2.2	2.1		3.4	2.2								24
25	2.3	2.0		3.2	2.1								25
26	2.7	2.0		3.0	1.9								26
27	2.2	2.0		2.8	1.9								27
28	2.2	2.0		2.7	1.8								28
29	2.1			2.6	1.8								29
30	2.1			2.5	1.7								30
31	2.1				1.7								31
TOTAL	77.0	57.4		199.0	86.6								TOTAL
MEAN	2.48	2.05		6.63	2.79								MEAN
AC-FT	152.72	113.85		394.71	171.77								AC-FT
MAX	5.2	2.1		24.6	9.1								MAX
MIN	2.0	2.0		2.5	1.7								MIN

## SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, CFS  
 MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. CONCESSION ROAD 7, ABOUT 1.5 MILES EAST OF TYRONE  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 1.9 SQUARE MILES.  
 REMARKS: OVAL STEEL ROAD CULVERT ACTS AS A BROAD-CRESTED CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED  
 NATURAL FLOW  
 STATION DISCONTINUED JUNE 1978.

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01										3.7	3.8	6.3	01
02										3.6	4.6	4.6	02
03										3.3	6.8	4.0	03
04										3.7	4.6	4.1	04
05										3.5	4.0	4.5	05
06										3.3	4.0	7.2	06
07										3.2	4.1	4.8	07
08										3.2	6.2	4.2	08
09										3.2	13.6	15.3	09
10										3.7	17.7	4.9	10
11										3.6	8.0	18.8	11
12										3.7	5.7	9.6	12
13										3.6	4.8	7.8	13
14										3.5	4.5	7.6	14
15										4.0	4.3	7.2	15
16											4.2	7.4	16
17											4.2	7.9	17
18											4.1	8.6	18
19											3.9	6.3	19
20											3.8	5.7	20
21											3.8	5.0	21
22											3.7	5.7	22
23											4.0	3.9	23
24											4.4	3.9	24
25											10.3	4.0	25
26											7.1	4.1	26
27											5.5	4.1	27
28											19.8	4.2	28
29											21.4	5.2	29
30											8.0	5.0	30
31											3.6	4.9	31
TOTAL											206.5	321.2	TOTAL
MEAN											6.88	10.36	MEAN
AC-FT											409.59	637.1	AC-FT
MAX											21.4	4.9	MAX
MIN											3.7	3.7	MIN

## SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, CFS  
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 6.1 SQUARE MILES.  
REMARKS: BROAD-CRESTED CONCRETE CONTROL  
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS  
E - ESTIMATED

NATURAL FLOW

## MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.0	7.3	4.7	29.4	5.6	3.7 E	6.0	4.4	3.7	4.9	5.7	4.5	01
02	5.3	6.8	4.6	34.4	11.0 E	3.7 E	7.7	3.9	3.4	4.5	20.4	5.4	02
03	5.4	6.9 B	4.6	71.3	11.8 E	3.2 E	7.0	5.2	3.3	4.3	12.2	5.5	03
04	5.4	6.7	4.7	12.4	5.9 E	3.1 E	5.0	5.9	3.1	4.2	9.2	5.2	04
05	5.3	6.3	4.7	12.0	6.3 E	3.1 E	4.3	4.6	3.1	4.1	7.5	5.4	05
06	5.6 B	5.9 B	4.8	25.8	6.5 E	3.3 E	4.0	3.7	3.1	3.7	6.5	5.6	06
07	5.2	6.0 B	4.9	15.7	9.9 E	3.5 E	3.7	3.6	3.1	3.7	6.1	5.8	07
08	5.9	5.9 B	5.2 B	11.9	27.2 E	5.4 E	3.7	4.3	3.1	3.8	5.9	6.6	08
09	5.3	6.1 B	5.4 B	11.6	19.5 E	5.0 E	4.5	5.2	3.1	4.5	6.7	6.4	09
10	5.2	6.2	6.9	25.8	15.4 E	16.7 E	5.0	8.1	3.1	4.1	6.5	5.1	10
11	5.4 B	5.8	13.4 B	10.5	16.0 E	10.7 E	4.5	4.6	3.0	4.1	7.7	6.5	11
12	6.7 B	4.4 B	23.3 B	8.4	18.0 E	5.3 E	5.1	3.8	3.0	4.0	18.7	19.8	12
13	5.7	5.7 B	20.8 B	8.3	8.1 E	4.9 E	5.0	3.6	3.1	4.0	12.5	10.9	13
14	5.7	6.1	15.2 B	14.6	6.6 E	4.3 E	4.1	3.4	3.0	4.6	8.2	7.9	14
15	5.8	5.8	15.0 B	24.2	7.5 E	6.1 E	4.0	3.3	3.2 E	4.4	6.3	7.0	15
16	5.5 B	6.5	10.1 B	12.7	6.1 E	5.2 E	4.0	3.2	3.4 E	9.2	6.5	6.6	16
17	5.9 B	4.8 B	13.2	4.8	4.8 E	7.3 E	3.8	3.2	3.4 E	8.5	7.3	6.6	17
18	5.7 B	4.2 B	7.5 B	12.3	4.9 E	7.2 E	3.5	3.3	3.4 E	14.9	13.8	8.8	18
19	5.8 B	4.0 B	7.2 B	9.3	25.1 E	4.1 E	3.5	3.5	3.4 E	22.8	10.8	12.3	19
20	5.8 B	4.7	7.4	7.9	12.2 E	3.4 E	3.4	5.0	3.5 E	8.8	7.3	8.2	20
21	5.9	4.8	8.4	7.7	7.7 E	3.4 E	3.2	3.8	8.6 E	6.8	6.5	35.9	21
22	5.7	4.6	7.7	38.9	9.5 E	26.5 E	3.3	3.6	4.5 E	6.0	7.8	32.3	22
23	9.7	4.7	7.4	10.6	7.4 E	6.8 E	4.9	3.3	4.1 E	5.5	13.4	9.7	23
24	22.8	4.5	9.7	8.8	5.5 E	5.1	5.7	3.2	4.3 E	5.3	9.2	7.1	24
25	84.9	4.2	12.0	7.7	5.0 E	7.8	4.8	3.2	4.1 E	6.9	7.8	7.6 B	25
26	16.0	4.8	98.9	7.2	4.6 E	5.3	3.7	3.4	3.9 E	7.6	8.0	5.0 B	26
27	8.0	4.9	77.7	6.7	4.5 E	4.2	4.7	3.8	3.7	6.6	7.1	5.8 B	27
28	8.9	4.9	37.7	6.1	4.5 E	3.7	7.9	4.5	11.4	9.0	6.1	6.6	28
29	7.4 B	4.5 B	45.8	5.6	4.2 E	4.8	4.7	3.7	14.3	6.6	5.6	5.7	29
30	7.5 B	27.1	5.7	4.0 E	6.4	3.8	3.7	5.9	5.9	5.8	5.0	5.6	30
31	8.0		29.1		3.8 E		5.1	4.6		5.5		6.1	31
TOTAL	296.4	153.5	539.6	476.7	289.1	183.2	143.6	126.6	129.3	198.7	262.3	277.5	TOTAL
MEAN	9.56	5.48	17.4	15.89	9.32	6.1	4.63	4.08	4.31	6.4	8.74	8.95	MEAN
AC-FT	587.9	304.46	1070.29	945.53	573.42	363.37	284.83	251.11	256.46	394.12	520.27	550.42	AC-FT
MAX	84.9	7.3	98.9	71.3	27.2	26.5	7.9	8.1	14.3	22.8	20.4	35.9	MAX
MIN	5.0	4.0	4.6	5.6	3.8	3.1	3.2	3.2	3.0	3.7	5.0	4.5	MIN

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 8.4 CFS  
TOTAL DISCHARGE, 6100 AC-FT  
MAXIMUM DAILY DISCHARGE, 98.9 CFS  
MINIMUM DAILY DISCHARGE, 3.0 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 6.1 SQUARE MILES.  
REMARKS: BROAD-CRESTED CONCRETE CONTROL  
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS  
E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.1	12.5	5.3	12.2	6.5	6.4	4.5	4.6	3.4	3.9	4.6	7.1	31
02	6.3	80.7	5.1	9.2	7.6	6.0	4.0	3.4	4.9	3.4	4.7	7.5	02
03	6.2	31.6	5.0 B	8.9	7.1	6.3	4.0	3.3	4.8	7.4	4.4	8.0	03
04	6.2	15.6	5.2 B	26.6	7.0	5.4	3.8	3.1	4.0	5.1	4.4	16.6	04
05	6.1	10.5	5.2	13.0	6.2	5.1	4.0	3.0	4.3	4.8	4.3	13.2	05
06	5.9 B	8.9	5.1	8.7	5.7	4.8	3.9	5.1	21.9	4.5	4.4	8.3	06
07	4.1 B	8.1 B	5.1	8.2	5.2	4.5	3.5	4.2	6.7	5.5	6.4	6.6	07
08	4.1 B	7.5 B	5.6	8.1	5.0	4.4	3.5	3.8	5.1	5.0	6.3	4.2 B	08
09	5.0 B	7.4 B	5.9	8.0	7.6	4.4	3.5	6.3	4.6	4.6	6.3	3.5	09
10	5.4 B	6.8 B	13.0	7.8	9.0	4.6	4.1	3.8	4.6	4.7	7.5	4.2 B	10
11	5.1 B	6.5 B	12.3	7.6	6.4	4.5	3.5	3.4	6.8	4.7	5.8	4.7 B	11
12	5.1 B	6.0 B	5.0	7.2	8.6	4.8	3.4	3.2	6.3	4.5	5.3	5.1 B	12
13	5.1 B	3.6 B	5.0	7.1	7.7	4.3	3.3	3.2	4.7	4.3	5.3	7.2 B	13
14	5.0 B	5.5 B	5.1	7.1	6.0	4.2	3.3	3.2	4.1	4.2	5.1	6.5 B	14
15	5.0 B	5.8	5.3	7.0	6.7	4.2	3.3	3.0	4.1	4.4	7.2	3.2 B	15
16	5.0 B	5.6	57.5	6.7	11.9	4.0	3.3	3.4	4.0	4.3	7.1	5.4 B	16
17	5.5 B	5.5 B	78.8	6.2	11.1	3.9	3.2	5.5	3.9	4.2	5.6	5.2	17
18	6.3	5.2 B	70.2	5.9	7.3	3.8	3.2	3.9	3.7	4.4	7.6	4.8	18
19	6.4	5.0 B	36.0	5.9	6.8	4.9	3.5	3.7	3.6	9.5	6.8	4.6	19
20	5.9	5.0 B	33.5	5.8	18.9	4.3	3.4	5.0	3.5	6.0	5.7	4.7	20
21	5.8	4.7 B	27.2	5.7	9.1	4.0	3.0	3.7	3.5	5.1	5.5	4.7	21
22	5.9	4.9	17.6	5.7	7.7	6.1	2.9	7.8	3.6	5.0	7.7	4.7	22
23	5.7 B	4.9 B	16.7	5.8	6.7	4.8	2.9	7.3	3.7	5.0	8.0	5.5	23
24	4.9 B	5.0 B	7.4	7.2	6.1	4.6	3.2	4.9	3.8	4.7	10.1	4.4	24
25	5.7 B	4.7 B	10.0	7.0	5.5	4.5	3.2	4.3	4.3	4.5	7.5	4.3 B	25
26	6.4 B	4.7 B	19.4	6.7	5.3	11.3	3.0	3.9	3.7	4.7	6.2	4.2 B	26
27	5.4 B	5.0	23.9	6.2	5.0	6.1	3.1	4.1	3.9	4.8	5.2	5.2 B	27
28	5.8	5.3	22.6	5.3	5.0	8.3	3.3	3.5	3.9	4.7	19.8	5.7 B	28
29	5.9	5.3	18.5	5.1	11.6	5.6	3.0	3.4	3.9	4.7	24.4	6.0 B	29
30	9.5		13.5	5.4	9.2	5.1	2.9	3.3	3.9	4.7	8.3	5.7 B	30
31	8.6		12.3		7.2		3.2	3.3		4.4		5.4 B	31
TOTAL	178.4	288.0	556.3	237.3	236.7	155.2	105.9	127.6	147.2	152.2	218.6	186.4	TOTAL
MEAN	5.75	9.93	17.94	7.91	7.63	5.17	3.41	4.11	4.9	4.9	7.28	6.01	MEAN
AC-FT	353.85	571.24	1103.42	470.68	469.49	307.83	210.05	253.09	291.97	301.88	433.59	369.72	AC-FT
MAX	9.5	80.7	76.8	26.6	18.9	11.3	4.5	7.8	21.9	9.5	24.4	16.6	MAX
MIN	4.1	3.6	5.0	5.1	5.0	3.8	2.9	3.0	3.4	3.9	4.3	3.2	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 7.1 CFS  
 TOTAL DISCHARGE, 5140 AC-FT  
 MAXIMUM DAILY DISCHARGE, 80.7 CFS  
 MINIMUM DAILY DISCHARGE, 2.9 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
 ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 6.1 SQUARE MILES.  
 REMARKS: BROAD-CRESTED CONCRETE CONTROL  
 WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS  
 E - ESTIMATED  
 NATURAL FLOW

## MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.9	14.1	5.2	6.0 B	6.5	5.1	5.3	7.6	3.4	3.3	4.5	4.8	01
02	5.4	9.2	5.0	11.1	6.1	10.1	4.2	7.9	3.4	3.6	16.6	4.1 B	02
03	5.4	8.9	4.8	11.3	7.4	13.2	4.6	6.3	3.3	3.9	9.3	5.2 B	03
04	4.7	6.1 B	6.8 B	10.3	6.4	8.2	4.5	4.7	3.2	3.5	7.0	4.7 B	04
05	4.6	5.6 B	5.5 B	9.3	5.8	7.9	5.0	4.5	3.3	3.6	6.0	4.8	05
06	4.9	5.4 B	9.1 B	17.1	5.6	7.6	4.1	4.4	3.5	3.5	5.6	4.6	06
07	5.0	5.6 B	10.2 B	16.6	5.7	6.6	3.7	4.3	3.5	3.8	5.4	5.0	07
08	4.5	6.0	26.2 B	9.9	11.2	5.9	3.7	4.4	3.4	4.4	5.3	7.5	08
09	5.5	6.2	38.0 B	8.3	10.0	5.5	3.5	4.0	3.4	3.9	5.1	6.7	09
10	5.2	4.6	19.8 B	8.2	10.1	5.2	3.6	3.8	3.4	3.8	5.2	6.1	10
11	5.3	5.6	16.8 B	8.2	14.3	5.1	5.7	3.8	3.4	3.6	5.3	16.7	11
12	4.9	5.3	28.9 B	8.1	9.0	5.0	7.2	3.6	3.6	6.2	10.0	12	
13	4.9	3.8 B	21.7	8.5	8.1	5.4	4.2	3.5	3.3	3.7	5.8	7.3	13
14	4.9	4.4 B	12.2	9.5	7.6	5.0	3.5	3.5	3.3	5.0	11.7	6.6	14
15	4.2 B	4.3 B	10.9	10.4	6.5	5.2	3.6	3.4	4.1	9.5	5.6	5.6	15
16	4.5 B	4.8 B	12.6	18.3	6.0	5.9	3.5	18.6	3.7	5.5	6.4	4.7	16
17	4.9 B	4.9 B	40.5	54.2	6.2	4.8	3.5	31.9	3.9	4.9	5.5	5.4	17
18	7.3 B	4.9 B	24.1	13.1	13.4	6.0	3.6	9.4	3.6	4.4	6.8	5.8	18
19	8.6	5.0	14.7	9.7	32.9	6.0	3.4	25.9	3.4	4.3	11.4	5.7	19
20	7.4	6.8	9.2	8.8	10.7	5.3	3.3	6.8	3.3	9.9	8.7	4.6	20
21	6.5	7.2	7.9	8.7	8.1	4.7	3.5	5.2	3.3	6.3	5.9	5.9	21
22	5.9	6.0	11.1	9.0	7.2	4.6	4.6	4.7	3.2	5.3	5.3	5.0 B	22
23	6.2	5.6	9.7	15.2	6.7	5.9	3.5	4.2	3.2	4.9	5.8	2.8 B	23
24	56.0	5.7	7.8	10.1	6.2	5.8	3.5	4.2	3.6	4.8	5.7	3.4 B	24
25	25.8	6.8	6.9	8.0	6.5	5.1	14.9	3.7	3.5	5.1	5.6	3.4 B	25
26	13.7	7.7	6.1	7.5	5.9	4.7	9.8	3.5	3.4	4.8	5.9	3.9 B	26
27	7.8 B	5.0	26.0	7.1	5.7	4.4	7.3	3.5	3.4	4.8	5.6	3.8 B	27
28	7.0 B	4.5	26.0	9.7	5.5	4.0	10.8	3.5	3.4	4.6	5.2	1.8 B	28
29	6.8		9.8	9.6	5.9	4.0	7.9	3.5	3.3	4.5	5.2	1.9 B	29
30	39.0		9.2	7.4	5.9	4.6	5.3	3.5	3.4	4.3	5.2	2.1 B	30
31	41.4		6.0 B		5.1		4.5	3.5		4.4		2.1 B	31
TOTAL	323.1	179.5	448.7	349.2	258.2	176.8	159.3	205.3	102.4	140.2	202.7	162.0	TOTAL
MEAN	10.42	5.98	14.47	11.66	8.32	5.89	5.13	6.62	3.41	4.52	6.75	5.22	MEAN
AC-FT	640.86	356.03	889.99	692.63	512.13	350.68	315.97	407.21	203.11	278.08	402.05	321.32	AC-FT
MAX	56.0	14.1	40.5	54.2	32.9	13.2	14.9	31.9	3.9	9.9	16.6	16.7	MAX
MIN	4.2	3.8	4.8	6.0	5.1	4.0	3.3	3.4	3.2	3.3	4.5	1.8	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 7.4 CFS  
 TOTAL DISCHARGE, 5370 AC-FT  
 MAXIMUM DAILY DISCHARGE, 56.0 CFS  
 MINIMUM DAILY DISCHARGE, 1.8 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
 ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 6.1 SQUARE MILES.  
 REMARKS: BROAD-CRESTED CONCRETE CONTROL  
 WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS  
 E - ESTIMATED  
 NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.8 B	5.4	4.7	10.4	8.0	4.2	3.3	4.6	3.6	4.1	10.7	5.5	01
02	1.8 B	6.3	4.8	25.0	7.3	4.1	3.9	3.6	3.4	4.2	6.8	5.4	02
03	1.7 B	9.3 B	4.8	25.5	6.7	4.0	3.7	3.3	3.4	4.9	5.4	5.2	03
04	2.8 B	11.4 B	6.1	16.1	5.9	3.8	4.1	3.2	4.3	4.7	4.9	7.7	04
05	3.3 B	6.6	9.4	13.1	5.4	3.8	3.7	3.1	4.0	4.3	4.8	5.8	05
06	3.3 B	5.4	8.1	13.3	5.4	3.6	3.2	3.1	3.6	4.1	4.7	5.0	06
07	4.2 B	5.3	7.8	15.2	5.0	3.8	3.0	3.2	3.3	4.1	4.6	4.0	07
08	4.7	5.3	6.5 B	17.4	6.9	3.8	3.0	3.1	3.6	4.1	4.4	5.1	08
09	4.5	5.2	5.2 B	18.5	6.6	3.6	3.1	3.0	4.9	4.0	4.4	11.6	09
10	4.5 B	5.5	6.0 B	12.2	5.7	3.8	6.0	3.0	4.1	4.3	6.4	9.8	10
11	3.2 B	5.3	6.3	9.6	5.4	4.2	4.8	3.0	3.7	4.4	6.5	5.8	11
12	2.4 B	4.1 B	6.1	9.5	5.0	4.1	4.4	3.1	3.4	4.9	8.1	4.3 B	12
13	2.5 B	4.8 B	6.5	10.1	5.0	3.4	3.6	3.2	3.5	5.3	6.4	4.5 B	13
14	2.0 B	5.2 B	6.8	11.6	4.9	3.3	4.2	3.1	3.8	5.4	5.3	4.5 B	14
15	2.5 B	5.6 B	6.4	11.0	5.8	3.3	4.8	3.2	3.7	5.0	5.3	4.5 B	15
16	2.5 B	6.0 B	6.1	9.9	14.4	3.6	4.3	3.2	4.6	4.4	5.1	4.5 B	16
17	2.5 B	6.0	6.3	10.1	14.2	4.1	3.7	3.1	3.8	4.2	5.1	5.8	17
18	2.5 B	5.2	9.2	9.7	7.2	4.3	3.4	3.0	4.8	4.2	5.1	6.0 B	18
19	2.5 B	5.0	18.3	8.4	6.0	3.7	3.3	4.0	4.4	4.1	4.9	6.1	19
20	3.2 B	4.6	21.4	33.0	5.1	3.4	12.1	4.2	4.0	4.1	12.7	6.1	20
21	4.1 B	4.7	25.6	18.4	4.7	3.4	6.6	3.4	3.8	6.8	8.1	4.6	21
22	4.3 B	5.1	26.7	11.9	6.0	3.2	4.6	3.2	3.8	9.1	6.4	4.4	22
23	4.4 B	5.0	28.1	10.1	5.7	3.1	4.1	3.3	3.7	5.3	5.5	5.0 B	23
24	4.3 B	5.0	25.5	13.3	5.0	3.0	3.8	3.2	3.7	4.7	5.0 B	24	
25	5.1 B	4.3	23.4	13.3	5.1	3.2	3.7	3.1	6.9	4.5	4.6	5.0 B	25
26	4.8	5.7	29.6	9.6	7.5	3.4	3.5	3.2	5.1	4.5	5.0	5.0 B	26
27	4.7	5.0	20.3	8.5	5.2	7.0	3.2	3.1	6.4	4.3	5.8	5.0 B	27
28	4.8	4.8	13.4	7.8	4.8	3.9	3.4	3.1	4.5	4.3	9.0	5.0 B	28
29	6.0	8.3 B	7.3	4.5	3.9	3.5	3.1	4.2	4.2	6.7	4.7 B	29	
30	6.0 B	9.0 B	7.0	4.3	3.5	3.4	4.3	4.3	6.8	6.2	4.3 B	30	
31	6.0 B		8.3 B		4.3		3.5	5.7		15.2		4.3 B	31
TOTAL	112.9	157.1	375.0	396.8	193.0	113.5	128.9	105.0	124.3	158.5	183.6	169.5	TOTAL
MEAN	3.64	5.61	12.09	13.22	6.22	3.78	4.15	3.38	4.14	5.11	6.12	5.46	MEAN
AC-FT	223.93	311.6	743.81	787.05	382.81	225.12	255.67	208.26	246.54	314.38	364.17	336.2	AC-FT
MAX	6.0	11.4	29.6	33.0	14.4	7.0	12.1	5.7	6.9	15.2	12.7	11.6	MAX
MIN	1.7	4.1	4.7	7.0	4.3	3.0	3.0	3.3	4.0	4.4	4.0	4.0	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 6.1 CFS  
 TOTAL DISCHARGE, 4400 AC-FT  
 MAXIMUM DAILY DISCHARGE, 33.0 CFS  
 MINIMUM DAILY DISCHARGE, 1.7 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
 ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 6.1 SQUARE MILES.  
 REMARKS: BROAD-CRESTED CONCRETE CONTROL  
 WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS  
 E - ESTIMATED  
 NATURAL FLOW

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.1 B	4.1 B	11.2	22.0	7.2	4.1	4.1	3.4	3.1	3.3	3.9	4.0 B	01
02	4.6	4.2 B	10.3 B	92.9	8.2	5.0	3.6	3.4	3.1	3.2	4.0	4.2 B	02
03	4.9	4.3 B	7.7	37.0	7.3	8.4	3.4	3.3	3.2	3.3	5.1	03	
04	5.3	4.7 B	6.3	16.1 B	6.6	5.4	3.3	3.2	3.3	3.3	3.8	4.8	04
05	6.7	6.4 B	6.8 B	16.5 B	6.1	4.9	3.5	3.1	3.6	3.2	4.0	4.1 B	05
06	5.0	7.4	7.1 B	28.3 B	5.9	4.7	17.8	3.0	3.7	3.5	4.1	7.2 B	06
07	4.3 B	5.2 B	6.8 B	38.7 B	5.6	4.5	5.2	3.0	4.5 E	3.4	4.8	8.5 B	07
08	4.3 B	5.2	6.0 B	27.1 B	5.6	5.4	4.4	3.0	3.7 E	3.3	4.2	6.7	08
09	4.7 B	5.0	6.0 B	38.7	6.1	5.0	4.0	2.8	3.4 E	4.5	4.2	9.8	09
10	4.8	4.1 B	6.0 B	30.2	5.6	4.3	3.6	3.0	3.2	5.8	5.0	13.2	10
11	4.8	4.7 B	5.7	22.6	5.3	4.1	3.5	3.4	3.2	4.3	5.1	10.6	11
12	4.4 B	4.9 B	5.4	21.9	5.7	4.1	3.4	2.9	3.2	4.0	5.0	6.7	12
13	4.8 B	4.9	5.3	32.2	5.6	10.3	4.1	2.8	3.9	5.2	5.9	5.4	13
14	4.8	4.2 B	5.2	21.6	5.0	5.6	4.1	2.9	3.8	5.0	4.8	5.4	14
15	4.8	5.1 B	8.5	14.1	4.8	4.7	3.2	2.8	3.5	4.4	5.7	12.4	15
16	4.5 B	5.2 B	18.3	13.7	4.9	4.4	3.2	2.6	3.5	4.1	4.9	11.5	16
17	4.8 B	5.1	15.4	13.3	4.8	4.2	3.9	3.0	3.9	4.5	4.3 B	18	
18	4.8 B	4.9	13.0 B	13.4	4.5	4.0	3.2	2.5	3.4	3.9	5.2	4.3 B	19
19	4.8 B	4.8	11.2	14.1	4.5	3.9	3.3	2.5	3.3	3.8	5.4	5.7 B	20
20	4.8 B	6.3	9.0	12.9	5.1	3.9	3.3	2.6	11.4	3.7	5.4	5.7 B	20
21	4.9 B	7.1	7.2	11.3	4.9	4.0	3.1	2.8	6.9	3.7	6.0	6.0 B	21
22	4.7	5.7	7.1 B	10.1	4.6	3.6	3.2	2.5	4.5	3.7	4.0	4.0 B	22
23	4.5	7.6	6.5 B	8.9	4.5	3.4	4.0	4.9	4.1	4.1	3.8	5.1 B	23
24	4.1	6.5	5.7 B	8.4	4.5	3.6	4.0	3.2	3.9	4.2	4.2	7.0 B	24
25	4.3	6.0	5.7 B	8.2	5.3	5.0	3.9	3.6	3.6	7.0	4.5	5.3 B	25
26	4.5 B	6.3	6.5 B	8.0	5.1	4.6	5.8	3.9	3.6	5.3	4.7	5.7 B	26
27	3.9 B	12.5	6.8 B	7.5	5.7	4.7	5.2	6.1	3.6	4.8	5.9	5.3	27
28	4.3 B	14.7	6.7	7.6	5.1	10.5	4.0	5.2	3.8	4.4	6.8	5.6	28
29	4.3 B	6.7	8.7	4.6	5.4	4.1	4.5	3.9	4.1	5.6	5.3	29	
30	4.1 B	7.7	7.7	4.5	4.5	3.6	3.6	3.3	3.3	4.0	5.1	3.3 B	30
31	4.1 B		10.7 B		4.3		3.6	3.4		3.9		3.9 B	31
TOTAL	143.7	167.1	248.5	613.7	167.5	156.2	132.6	102.7	119.1	126.8	143.9	198.3	TOTAL
MEAN	4.63	5.96	8.01	20.45	5.4	5.2	4.27	3.31	3.97	4.09	4.79	6.39	MEAN
AC-FT	285.02	331.44	492.89	1217.27	332.23	309.82	263.01	203.7	236.23	251.5	285.42	393.32	AC-FT
MAX	6.7	14.7	18.3	92.9	8.2	16.5	17.8	6.1	11.4	7.0	6.8	13.2	MAX
MIN	3.9	4.1	5.2	7.5	4.3	3.4	3.1	2.5	3.1	3.2	3.8	3.3	MIN

SUMMARY FOR THE YEAR 1971  
 MEAN DISCHARGE, 6.4 CFS  
 TOTAL DISCHARGE, 4600 AC-FT  
 MAXIMUM DAILY DISCHARGE, 93.0 CFS  
 MINIMUM DAILY DISCHARGE, 2.0 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
 ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 6.1 SQUARE MILES.  
 REMARKS: BROAD-CRESTED CONCRETE CONTROL  
 WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS  
 E - ESTIMATED  
 NATURAL FLOW

## MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.6 B	4.2 B	5.2	28.6	9.0	5.6	4.8	3.3 E	3.4	5.6	5.5	5.7	01
02	4.5 B	4.2 B	5.3 B	34.8	12.4	6.2	4.2	4.9 E	3.4	5.0	8.5	4.8	02
03	4.3 B	4.3 B	5.2 B	48.4	17.1	5.2	4.3	6.5 E	3.6	4.6	7.6	5.1	03
04	5.0	4.4 B	5.2 B	35.2	10.1	5.1	4.3	5.3 E	3.3	4.4	6.1	3.4	04
05	4.0	4.5 B	5.2	17.4 B	8.9	4.6	3.9	4.4 E	3.2	4.2	6.3	4.9	05
06	4.6 B	4.5 B	4.8 B	13.2	9.3	4.6	3.8	3.8 E	3.2	5.3	5.7	15.4	06
07	5.0	4.3 B	5.3 B	8.7 B	9.3	4.5	3.5	5.0 E	3.2	7.0	5.6	6.9	07
08	3.9	4.2 B	5.7 B	7.8 B	8.0	4.4	3.5	7.3 E	10.2	5.0	19.2	5.9	08
09	5.2	4.5 B	4.7 B	13.3 B	7.2	5.0	3.5	9.6 E	5.4	4.7	9.9	5.9	09
10	6.3	4.6 B	4.8 B	34.2	6.6	4.3	4.0	5.4 E	4.2	4.4	7.2	6.0	10
11	5.6	4.6 B	4.7 B	100.0	6.3	4.1	3.8	4.6	3.9	4.3	6.8	4.5 B	11
12	5.3	4.6 B	5.3	66.7	6.0	4.2	3.4	4.6	3.8	4.4	6.6	5.1	12
13	5.1	4.9 B	5.4	159.0	6.0	4.3	4.1	4.1	3.8	4.3	6.1	36.6	13
14	4.1 B	9.4 B	5.3	53.1	8.0	4.3	5.3	4.2	3.9	4.3	5.9	11.7	14
15	4.2 B	8.5 B	5.2	37.8	9.7	4.3	8.3	3.9	3.5	5.0	5.7	7.4	15
16	5.3 B	6.7 B	5.9	35.7	8.5	4.0	11.5	3.7	3.4	4.7	5.4	7.0 B	16
17	5.3 B	5.9 B	9.0	54.3	8.2	3.7	5.1	4.4	3.3	4.5	5.6	6.5 B	17
18	5.3 B	6.4 B	9.4	29.6	8.0	3.6	4.3	4.3	3.2	4.4	5.9	6.7 B	18
19	7.3 B	5.8	7.7 E	24.0	6.6	3.5	4.1	3.8	3.3	4.4	5.9	6.6	19
20	5.9	3.8 B	7.3 E	24.2	6.0	3.5	4.0	3.4	3.2	4.3	6.1	6.5	20
21	5.0	4.9 B	7.2 E	16.5	5.7	4.1	3.9	3.3	3.2	4.4	5.5	6.2	21
22	5.3 B	4.9 B	16.7	22.9	5.2	7.0	3.7	3.3	3.1	6.3	5.1	6.3	22
23	7.1 B	4.6 B	21.9	20.3	5.0	8.6	5.6	6.3	3.1	21.7	5.0	6.4	23
24	7.1 B	5.0 B	18.3 B	14.9	4.8	11.7	5.4 E	5.3	4.2	9.6	5.3	6.8	24
25	6.5 B	4.2 B	12.1 B	12.2	4.7	6.5	5.5 E	4.4	4.1	7.1	5.7	7.1	25
26	4.2 B	4.2 B	8.8 B	11.1	4.6	5.5	4.5 E	3.9	5.9	6.1	10.4	7.5	26
27	4.2 B	4.4 B	7.7 B	10.5	4.5	5.7 E	4.0 E	10.1	4.9	5.6	9.4	7.4	27
28	4.2 B	4.9 B	7.5 B	10.1	4.4	4.7 E	3.8 E	6.4	4.0	6.0	7.0	6.5	28
29	4.1 B	5.1	8.8	9.9	4.4	4.3	3.7 E	4.4	4.4	10.4	6.1	5.5 B	29
30	4.1 B	8	15.9	9.3	5.2	5.4	3.6 E	3.8	10.3	7.2	5.5	6.6 B	30
31	3.9 B		21.9		5.9		3.4 E	3.5		5.8		19.8	31
TOTAL	157.0	146.5	263.4	963.7	225.6	152.5	140.8	151.2	125.6	185.0	206.6	248.7	TOTAL
MEAN	5.06	5.05	8.49	32.12	7.27	5.08	4.54	4.87	4.18	5.96	6.88	8.02	MEAN
AC-FT	311.4	290.58	522.45	1911.49	447.47	302.48	279.27	299.9	249.12	366.94	409.79	493.29	AC-FT
MAX	7.3	9.4	21.9	159.0	17.1	11.7	11.5	10.1	10.3	21.7	19.2	36.6	MAX
MIN	3.9	3.8	4.7	7.8	4.4	3.5	3.4	3.3	3.1	4.2	5.0	3.4	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 8.0 CFS

TOTAL DISCHARGE, 5880 AC-FT

MAXIMUM DAILY DISCHARGE, 159.0 CFS

MINIMUM DAILY DISCHARGE, 3.1 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.1 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	23.5	14.0	4.9 B	91.8	7.3	7.1	4.3	5.6	3.0	3.0	8.4	5.5	01
02	9.0 B	71.8	5.8 B	32.4	8.7	6.0	3.9	4.3	2.9	3.7	8.3	4.7	02
03	7.4 B	22.2	35.5	32.1	12.9	5.4	3.6	3.6	2.8	5.1	7.3	4.8	03
04	12.9	8.7	191.0	18.7	8.4	5.4	3.6	3.2	2.6	4.2	5.6	5.2	04
05	10.0	7.1	11.5	20.1	7.4	7.0	4.5	2.9	2.6	4.3	6.3	6.3	05
06	6.3 B	5.8 B	40.3	12.3	6.5	6.2	3.6	2.9	2.6	3.5	4.4	6.0	06
07	6.2 B	6.5 B	38.7	10.5	5.8	8.8	3.3	2.9	2.6	3.4	5.2	5.7	07
08	5.2 B	6.0	18.6	9.3	8.5	5.9	3.3	2.9	2.5	3.2	4.5	4.8	08
09	5.1 B	3.6 B	10.3	8.4	16.9	5.1	3.0	2.8	2.5	3.2	4.9	4.9	09
10	5.1 B	4.3 B	11.5	8.7	10.0	4.6	2.9	3.5	2.6	3.2	4.6	5.3	10
11	5.0 B	3.5 B	55.6	8.5	15.7	4.4	2.8	3.1	2.4	3.2	4.0	5.1	11
12	4.8	3.9 B	20.2	7.7	9.5	4.2	2.8	2.8	2.4	3.3	4.2	4.8	12
13	4.9	4.2 B	11.7	7.2	7.9	4.2	3.0	2.7	2.6	3.6	4.4	4.8	13
14	5.1	4.5 B	11.1	7.0	7.1	4.1	3.7	2.6	2.6	4.8	4.3	4.6 B	14
15	5.3	4.6 B	15.8	7.1	7.1	4.0	3.1	2.6	2.6	3.6	4.2	4.7 B	15
16	5.3	4.7 B	13.0	7.1	7.0	4.3	2.9	2.5	2.6	3.5	11.8	4.6 B	16
17	5.4	4.8 B	55.7	7.3	7.1	4.2	2.7	2.5	2.7	3.9	7.1	4.6 B	17
18	8.4	4.9 B	14.2	6.8	6.6	4.8	2.6	14.9	4.8	3.8	5.3	4.5 B	18
19	29.5	4.9 B	9.7	7.0	6.0	4.6	2.6	5.7	3.1	4.1	5.2	4.5 B	19
20	16.7 B	4.9 B	8.9	6.7	5.6	4.3	2.8	4.2	3.1	4.9	5.1	4.4 B	20
21	7.8 B	4.9 B	8.1	6.2	5.9	4.0	2.9	3.7	2.9	4.0	4.7	4.4 B	21
22	18.1	4.9 B	7.9	8.2	5.4	3.9	2.6	3.4	3.9	6.3	4.3 B	22	
23	26.9	4.9 B	9.9	7.6	5.2	3.8	2.5	3.2	4.9	3.7	4.3 B	23	
24	11.3	4.9	12.4	6.5	5.2	4.7	2.4	3.1	4.4	3.6	5.0	4.3 B	24
25	8.0 B	4.9	11.7	5.9	5.2	4.3	2.7	3.1	3.7	3.5	7.3	4.5 B	25
26	8.4	4.9	11.1	5.7	5.7	3.7	3.2	3.0	3.5	5.7	6.9	26	
27	8.6	4.2 B	9.0	6.7	6.0	3.7	3.5	3.2	3.4	5.0	9.6	27	
28	8.1	4.7 B	8.1	15.2	14.3	8.9	4.0	3.0	3.3	6.0	8.4	28	
29	5.7	9.4	10.1	9.1	8.0	4.5	2.7	3.2	6.1	11.3	6.8	29	
30	6.0 B	15.7	7.3	6.9	4.7	3.2	2.7	3.0	7.1	6.9	6.0	30	
31	7.0 B		16.1		9.4		3.1	3.3		8.8		5.4	31
TOTAL	297.0	233.2	703.4	396.1	250.3	154.3	99.6	112.6	91.8	126.4	176.5	164.2	TOTAL
MEAN	9.58	8.32	22.69	13.2	8.07	5.14	3.21	3.63	3.06	4.07	5.88	5.29	MEAN
AC-FT	569.09	462.55	1395.19	785.66	496.47	306.05	197.55	223.34	182.08	250.71	350.08	325.69	AC-FT
MAX	29.5	71.8	191.0	91.8	16.9	8.9	4.5	14.9	4.9	8.8	11.8	9.6	MAX
MIN	4.8	3.5	4.9	5.7	5.2	3.7	2.4	2.5	2.4	3.0	4.0	4.3	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 7.7 CFS

TOTAL DISCHARGE, 5660 AC-FT

MAXIMUM DAILY DISCHARGE, 191.0 CFS

MINIMUM DAILY DISCHARGE, 2.4 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.1 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.0 B	6.6 B	14.9	17.4	8.1	4.9	5.4	3.9	3.1	4.3	4.3	4.2 B	31
02	4.8 B	4.8 B	9.4	41.2	5.7	4.5	4.6	3.9	3.0	4.3	4.3	4.6 B	02
03	4.8 B	4.7 B	9.1	15.8	5.6	4.4	4.9	3.8	4.3	4.1	4.3	4.7 B	03
04	4.8 B	4.8 B	40.9	110.0	5.4	4.4	7.8	4.5	3.5	4.0	5.0	4.5 B	04
05	4.7 B	4.7 B	173.0	14.6	5.2	4.3	5.4	4.2	3.0	3.9	4.7	4.4 B	05
06	4.7 B	4.7 B	23.2	9.4	7.3	4.2	4.6	3.6	2.9	3.8	5.0	4.4	06
07	4.7 B	4.7 B	20.8	8.9	6.3	4.2	4.2	3.2	2.9	4.7	4.4	4.4	07
08	4.7 B	4.6 B	10.6	7.5	5.6	4.1	3.9	3.1	2.9	4.2	4.2	8.6	08
09	4.7 B	4.6 B	7.9	6.6	10.2	4.2	3.8	3.2	2.8	4.2	4.2	7.2 B	09
10	4.7 B	4.6 B	7.3 B	6.5	7.7	4.1	4.6	3.1	2.9	4.2	4.2	5.1 B	10
11	4.6 B	4.6	6.8 B	6.8	6.2	4.0	3.7	3.1	3.1	4.0	4.1	4.7	11
12	4.6 B	4.5	6.5 B	8.5	47.3	4.2	3.4	3.8	3.4	4.2	6.4	6.9	12
13	4.6 B	4.6 B	6.3 B	11.1	13.9	4.0	3.3	4.0	4.0	4.1	6.0	6.3	13
14	4.5 B	4.6 B	6.0 B	23.0	8.7	4.0	3.5	3.3	3.6	7.4	6.8	5.7	14
15	4.4	4.5 B	5.7 B	16.9	12.4	7.0	3.9	3.1	3.3	5.5	5.0	5.0	15
16	4.4	4.3	5.5	9.1	16.0	8.4	3.2	2.9	3.2	4.7	4.8	6.1	16
17	4.3 B	4.4	5.5 B	7.8	37.1	5.2	3.1	3.1	3.2	5.1	7.1	17	
18	4.1 B	4.3	5.5 B	7.4	9.5	6.0	3.3	3.0	3.4	4.3	4.9	6.1	18
19	4.1 B	4.5	5.5 B	6.6	7.4	12.0	3.2	2.8	3.2	4.1	4.7	5.3	19
20	4.2 B	4.5	5.5 B	6.2	6.6	11.2	3.0	2.8	3.2	4.0	13.2	5.0 B	20
21	6.5	4.5	5.5 B	6.1	6.2	5.6	2.9	2.7	3.1	4.0	12.8	4.9	21
22	6.2	12.2	5.4 B	12.3	5.8	4.7	2.8	2.7	3.1	4.2	6.3	4.8	22
23	6.9	12.3 B	5.3 B	13.0	5.9	4.2	2.9	2.8	3.1	4.2	5.3	5.0	23
24	6.3	5.6 B	5.4 B	10.1	5.4	4.0	3.3	3.1	3.2	4.0	6.7	5.3	24
25	5.5	5.3 B	5.3 B	7.5	5.9	4.1	3.3	2.9	4.0	4.1	5.4	5.3	25
26	5.4	5.2 B	5.3 B	6.7	5.5	4.0	3.6	2.7	4.1	4.0	4.6 B	5.0 B	26
27	66.7	5.1	5.3 B	6.1	5.4	3.7	4.0	7.0	3.5	3.9	4.4 B	4.6 B	27
28	18.5	11.6	5.2 B	5.9	5.5	3.5	3.5	4.1	3.8	4.3 B	4.7	28	
29	10.8		5.2 B	6.8	7.0	4.5	3.4	8.1	3.9	4.2 B	4.8	29	
30	11.2		6.7	6.8	5.7	7.1	6.0	3.1	5.1	4.7	4.2 B	4.8	30
31	13.4		23.4		5.2		4.4	3.2		4.5		4.6 R	31
TOTAL	248.8	155.4	453.9	422.6	295.7	157.7	168.9	106.1	107.1	133.9	164.1	164.3	TOTAL
MEAN	8.02	5.55	14.64	14.08	9.53	5.25	5.44	3.42	3.57	4.31	5.47	5.3	MEAN
AC-FT	493.49	308.23	900.31	838.22	586.52	312.79	335.01	210.44	212.43	265.59	325.49	325.49	AC-FT
MAX	66.7	12.3	173.0	110.0	47.3	12.0	49.8	7.0	8.1	7.4	13.2	6.6	MAX
MIN	4.1	4.3	5.2	5.9	5.2	3.5	2.8	2.7	2.8	3.8	4.1	4.2	MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 7.1 CFS  
TOTAL DISCHARGE, 5110 AC-FTMAXIMUM DAILY DISCHARGE, 173.0 CFS  
MINIMUM DAILY DISCHARGE, 2.7 CFSLOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.1 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED CONCRETE CONTROL  
WITH RECTANGULAR CENTRAL NOTCH.

## MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.7	4.4 B	6.7 B	7.0	6.5 E	7.9	2.6	2.4	3.8	3.7	5.4	7.3	01
02	4.7	4.5 B	6.5 B	6.7	6.6 E	5.3	2.6	2.4	3.6	4.1	4.7	5.0 B	02
03	4.8	4.5 B	6.4 B	6.7 B	6.4 E	4.9	3.0	2.8	3.1	3.5	4.4 E	4.7 B	03
04	4.6	4.6 B	6.3 B	6.5 B	10.0 E	4.6	2.8	3.0	3.4	4.1	4.5 B	4.6 B	04
05	4.5	4.7 B	6.3 B	6.3 B	14.0 E	4.6	2.5	2.6	3.0	3.5	3.9 E	4.6 B	05
06	4.5	4.5	6.0	6.2 B	7.5 E	4.9	2.4	2.5	3.0	3.5	4.0 E	4.7	06
07	4.7	4.4	5.9	6.6	5.9 E	4.4	2.3	2.5	2.9	3.3	4.2 E	5.2 B	07
08	4.9	4.3	5.7 B	7.9	5.5 E	4.2	2.4	2.3	3.0	3.3	4.2 E	5.2 B	08
09	26.4	4.3 B	5.6 B	9.5 B	5.2	4.0	2.6	2.3	2.8	3.2	4.0 E	4.9 B	09
10	10.8	4.3 B	5.5 B	9.2 B	4.9	3.6	2.6	2.3	2.6	3.6	11.0 E	4.7 B	10
11	18.0	4.2 B	5.5	9.5	4.9	3.5	3.7	3.0	3.3	3.7	5.2 E	4.6 B	11
12	8.3	4.1	6.5	8.9 B	4.9	6.3	3.0	2.7	9.3	3.5	4.7 E	4.5 B	12
13	6.5 B	4.2 B	12.4 B	9.0	4.8	4.9	2.9	2.5	4.4	4.0	4.3 E	4.3 B	13
14	6.0 B	4.3	7.2 B	10.8	4.5	4.6	2.8	2.6	4.0	4.2	4.1 E	5.2 B	14
15	5.6 B	4.3	6.3 B	11.8	4.6	4.2	2.7	2.3	3.5	3.6 E	4.0 E	16.2	15
16	5.3 B	4.5	15.7 B	12.3	6.0	5.0	2.6	2.5	3.5	3.4 E	3.9 E	6.9 B	16
17	5.0 B	4.7	35.5	13.0	4.8	4.0	2.6	2.4	3.5	3.4 E	3.9 E	4.9 B	17
18	4.8	6.8	33.9	13.9	4.4	4.1	2.6	2.3	4.0	4.7 E	3.8 E	4.3 B	18
19	4.9 B	7.0	114.0	104.0	4.5	7.3	3.8	2.3	10.6	4.0	4.1 B	6.1 B	19
20	4.9 B	6.2	34.8	14.3	4.3	5.0	6.2	2.3	3.8	4.0	4.0 B	4.0 B	20
21	5.0	5.5	11.9	9.3	5.8	4.0	5.2	2.4	5.0	3.8 E	4.5	3.9 B	21
22	4.6	9.9	49.4	7.6	4.8	3.6	3.6	2.6	4.6	3.6 E	4.5	3.9 B	22
23	4.2	48.5	14.8	7.6	4.3	3.6	3.1	2.4	4.1	3.6 E	4.3	3.8 B	23
24	4.5	342.0	20.7	16.9	4.0	3.7	3.4	5.2	3.8	3.6 E	4.0	3.7 B	24
25	5.6	29.4	21.8	9.1	3.9	3.2	3.2	4.1	3.6	3.4 E	3.4	3.7 B	25
26	9.0	8.9	9.5 B	7.2	4.2	3.0	3.0	3.4	3.8	3.4 E	3.6	3.7 B	26
27	6.1 B	7.2 B	7.5 B	7.1 E	4.6	2.9	3.0	3.1	3.7	3.4 E	7.4	5.9 B	27
28	5.4	6.7	7.1 B	6.9 E	3.8	2.9	3.1	2.8	3.6	4.2	6.4	5.9 B	28
29	5.9	8.8 B	6.2 E	3.6	2.9	2.7	3.0	3.3	4.0	5.1	11.0	5.0 B	29
30	5.6 B	7.6	6.3 E	11.5	2.7	2.6	2.6	4.5	3.4	3.6	6.6	5.8	30
31	4.4 B		7.1 B		11.0		2.5	3.5		3.5		8.1	31
TOTAL	204.2	552.9	498.9	364.3	181.7	129.8	94.1	87.0	122.0	113.3	141.4	164.3	TOTAL
MEAN	6.58	19.74	16.09	12.14	5.86	4.32	3.03	2.8	4.06	3.05	4.11	5.3	MEAN
AC-FT	405.40	1096.67	989.56	722.58	360.4	251.45	186.64	172.50	241.90	224.73	280.46	325.88	AC-FT
MAX	26.4	342.0	114.0	104.0	14.0	1.9	6.2	5.2	10.6	4.7	11.0	16.2	MAX
MIN	4.2	4.1	5.5	6.2	3.6	2.7	2.3	2.8	3.4	3.4	3.7	3.7	MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 7.3 CFS  
TOTAL DISCHARGE, 5260 AC-FTMAXIMUM DAILY DISCHARGE, 342.0 CFS  
MINIMUM DAILY DISCHARGE, 2.3 CFSLOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.1 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED CONCRETE CONTROL  
WITH RECTANGULAR CENTRAL NOTCH.

## MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.5 R	5.1 R	14.2	28.8	5.5	9.1	11.1	9.9	4.9	3.5	4.2	4.4 B	01
02	5.0 R	4.9 R	10.4 R	15.6	5.5	6.4	7.1	4.7	4.2	3.5	4.1	4.3 B	02
03	4.3 B	4.7 B	9.1 B	12.0	7.9	5.1	7.7	4.0	3.5	3.4	4.3	4.2 B	03
04	4.7 R	4.4 B	9.2 R	9.9	5.8	4.6	7.3	3.6	4.2	3.4	4.2	4.2 B	04
05	4.6 R	3.8 R	48.0	8.4	5.3	4.4	5.0	3.6	3.6	3.3	4.1	4.2 B	05
06	4.6 B	3.5 R	34.5	8.1	7.6	4.2	4.4	3.7	3.3	3.5	4.1	4.2 B	06
07	4.5 R	3.5 B	11.3 R	7.6	24.2	4.5	4.2	3.3	3.2	5.7	4.2	4.5 B	07
08	4.5 B	4.1 R	8.1 R	7.0	11.0	4.1	4.5	3.5	3.1	4.3	4.0	4.5 B	08
09	4.4 R	4.0 B	7.9 B	6.7	7.3	4.1	3.9	4.0	3.1	5.3	3.8	4.5 B	09
10	4.3 B	4.3 B	7.6 B	6.7	6.3	3.9	3.7	3.7	4.6	6.2	4.2	4.5 B	10
11	4.3 B	4.6 R	6.9 B	6.4	7.0	3.9	8.3	3.2	4.2	4.4	4.2	4.5 B	11
12	4.2 R	4.4 R	6.5 R	5.6	8.1	3.7	6.3	3.5	3.8	4.1	4.1	4.5 B	12
13	4.3 B	4.5	14.4 B	6.0	5.9	3.7	4.7	4.8	3.3	4.0	4.3	4.5 B	13
14	4.4 R	4.5	10.9 B	5.9	5.8	8.3	4.1	6.0	3.2	4.0	4.4	4.5 B	14
15	4.3 B	4.8	7.6 B	12.6	6.1	4.6	3.8	4.9	3.2	4.0	4.3	4.5 B	15
16	4.2 R	8.1	6.9 B	21.4	28.7	6.0	3.9	3.9	3.3	3.7	4.1	4.4 B	16
17	4.2 R	10.1	6.5 B	9.2	45.8	5.3	4.0	3.4	3.4	3.7	4.1	4.3 B	17
18	4.1 R	12.4	6.5 B	7.3	13.1	4.4	4.6	3.2	3.9	3.7	4.3	4.2 B	18
19	4.1 R	34.0	10.8 B	6.5	15.6	5.6	3.7	3.1	3.4	3.7	4.4	4.5 B	19
20	4.1 B	16.6	109.0	5.9	12.5	5.2	3.8	3.1	4.5	4.7	4.4	5.5 B	20
21	4.1 R	10.6	120.0	5.6	7.6	4.5	4.7	3.1	4.3	6.3	3.9	6.2 B	21
22	4.1 B	23.7 B	11.0 B	8.1	6.7	10.8	3.6	3.0	5.1	4.9	4.0	4.9 B	22
23	4.0 B	13.3 R	18.7 B	8.2	6.1	5.2	3.4	2.9	5.2	4.6	4.2	4.8 B	23
24	4.0 B	10.7 B	27.7	6.4	5.7	4.5	3.8	2.8	4.3	4.4	4.2	4.7 B	24
25	4.0 R	15.8	35.3	18.4	5.6	10.1	3.2	2.8	3.8	4.7	4.1	4.7 B	25
26	5.0 B	28.6	19.5	15.5	5.7	5.3	3.2	2.9	4.0	4.4	6.5	4.6 B	26
27	9.5 B	31.4	36.0	11.0	6.0	5.1	3.8	3.1	5.2	4.1	11.8	4.6 B	27
28	7.2 B	21.4	20.6	8.1	5.1	4.2	3.3	3.7	4.3	4.1	6.6	4.5 B	28
29	5.9 R	16.8	12.7	6.9	4.9	5.1	6.2	4.2	3.9	4.2	5.1 B	4.4 B	29
30	5.5 B	14.4	3.7 B	6.0	4.9	14.0	5.7	3.2	3.6	4.2	4.5 B	4.3 B	30
31	5.3 B		47.4		14.4		11.6	3.1		4.3		4.2 B	31
TOTAL	146.7	323.6	710.1	291.8	307.7	169.9	158.6	117.9	117.6	132.3	138.7	140.8	TOTAL
MEAN	4.73	11.15	22.9	9.72	9.92	5.66	5.11	3.8	3.92	4.26	4.62	4.54	MEAN
AC-FT	290.97	641.86	1408.48	578.78	610.32	336.99	314.58	233.85	233.25	262.41	275.11	279.27	AC-FT
MAX	8.5	34.0	120.0	28.8	45.8	14.0	11.6	9.9	5.2	6.3	11.8	6.2	MAX
MIN	4.0	3.5	6.5	5.6	4.9	3.7	3.2	2.8	3.1	3.3	3.8	4.2	MIN

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 7.5 CFS

TOTAL DISCHARGE, 5470 AC-FT

MAXIMUM DAILY DISCHARGE, 120.0 CFS

MINIMUM DAILY DISCHARGE, 2.8 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.1 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL

WITH RECTANGULAR CENTRAL NOTCH.

## MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.2 B	3.7 B	5.1	7.5	4.8	4.8	4.2	4.6	3.4	10.1	4.7	40.7	01
02	4.2 B	3.7 B	4.9	12.6	5.4	4.4	3.6	3.3	13.2	8.0	4.8	15.5	02
03	4.0 B	3.7 B	4.7	28.7	4.8	3.8	3.2	3.0	6.0	5.9	4.8	9.5	03
04	4.0 B	3.7 B	9.5	9.2	4.6	3.4	3.3	3.1	4.3	4.9	4.9	7.8 B	04
05	3.8 B	3.7 B	40.7	22.8	4.7	3.3	3.5	4.0	4.0	4.5	4.8	7.3 B	05
06	3.9 B	3.7 B	19.0	9.1	4.7	3.2	4.2	4.2	3.7	4.5	4.8	7.3 B	06
07	3.8 B	3.8 B	10.3	7.4	4.2	3.2	4.6	3.6	4.2	14.6	7.3 B	07	
08	3.8 B	3.7 B	9.6	7.2	4.4	3.1	4.5	3.5	3.6	9.4	27.1	7.2 B	08
09	3.8 B	4.0 B	44.5	8.2	5.1	3.0	3.6	3.5	3.6	17.9	8.6	7.3 B	09
10	3.8 B	3.9 B	50.3	8.2	4.5	3.0	3.1	7.4	3.8	7.6	21.1	7.4 B	10
11	3.8 B	4.1 B	37.6	7.9	4.2	3.0	4.0	6.4	3.7	5.8	12.9	7.4 B	11
12	3.8 B	4.2 B	35.9	7.6	4.0	2.9	3.4	4.0	3.7	5.6	7.7	7.5 B	12
13	3.8 B	5.6 B	165.0	7.0	3.9	3.0	3.4	4.8	5.2	6.7	7.6 B	13	
14	3.8 B	4.9 B	25.0	6.5	3.8	2.8	2.8	3.6	5.4	5.1	6.0	24.5 B	14
15	3.7 B	4.5 B	16.8	5.9	3.7	2.7	2.8	3.1	4.1	5.0	6.5	20.8	15
16	3.8 B	4.3 B	15.1	5.5	3.0	2.7	3.2	5.8	5.8	5.3	13.3	15.0	16
17	3.8 B	4.3 B	9.9	5.3	3.6	3.1	3.0	7.1	6.1	5.1	27.5	12.7	17
18	3.8 B	4.2 B	8.0	5.2	4.1	4.5	3.0	3.9	4.8	4.8	14.1	11.0	18
19	3.7 B	4.1 B	8.2	5.2	4.1	4.0	3.3	3.5	4.7	5.0	10.0	10.1	19
20	3.7 B	4.0 B	7.8	5.1	3.7	3.5	3.0	3.7	7.4	4.8	7.8	10.1	20
21	3.8 B	3.9 B	8.3	5.2	3.5	3.4	2.8	3.5	5.8	4.8	8.1	12.9	21
22	3.8 B	3.8 B	8.8	10.0	3.3	2.9	2.7	6.5	4.8	4.9	7.3	11.2	22
23	3.8 B	3.7 B	8.0	14.8	3.3	2.8	2.5	3.9	4.4	4.7	8.9	10.0	23
24	3.8 B	4.6	7.0	14.5	3.3	2.7	2.7	4.8	4.3	4.8	12.5	9.5	24
25	3.7 B	6.6	6.9	11.7	3.3	4.5	2.9	3.8	13.7	4.8	8.7	25.5	25
26	3.7 B	5.2	6.9	7.6	3.2	3.5	2.6	3.3	10.6	4.9	16.0	15.8 B	26
27	3.7 B	5.2	7.4	6.5	3.1	2.9	2.6	3.4	6.4	5.0	8.1 B	11.0 B	27
28	3.7 B	5.6	10.0	5.8	3.0	2.8	2.7	3.6	5.1	5.0	7.0 B	9.1 B	28
29	3.7 B	14.8	5.2	3.1	5.9	2.8	3.5	4.6	4.8	4.8	6.9	8.2 B	29
30	3.7 B	11.4	5.0	3.0	3.8	3.1	3.5	4.4	4.8	7.1	7.9 B	30	31
TOTAL	118.1	120.4	627.8	268.4	120.9	102.6	99.7	127.6	163.8	181.8	303.3	372.8	TOTAL
MEAN	3.8	4.3	20.25	8.94	3.9	3.42	3.21	4.11	5.46	5.86	10.11	12.02	MEAN
AC-FT	234.25	238.81	1245.24	532.37	239.8	203.5	197.75	253.09	324.89	360.6	601.59	739.44	AC-FT
MAX	4.2	6.6	165.0	28.7	5.4	5.9	4.6	7.4	13.7	17.9	27.5	40.7	MAX
MIN	3.7	3.7	4.7	5.0	2.9	2.7	2.5	3.0	3.4	4.2	4.7	7.2	MIN

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 7.1 CFS

TOTAL DISCHARGE, 5170 AC-FT

MAXIMUM DAILY DISCHARGE, 165 CFS

MINIMUM DAILY DISCHARGE, 2.5 CFS

LOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,

ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.1 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED CONCRETE CONTROL

WITH RECTANGULAR CENTRAL NOTCH.

## MACKIE CREEK NEAR STEPHENS GULCH - STATION NO. 02HD222

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## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.6 B	6.8 B	5.6 B	114.0	7.3	5.5							01
02	7.6 B	6.7 B	5.7 B	31.9	7.3	5.6							02
03	7.6 B	6.5 B	5.6 B	17.3	7.0	5.5							03
04	7.6 B	6.5 B	5.6 B	18.1	6.8	5.3							04
05	7.3 B	6.4 B	5.6 B	29.3	7.5	5.7							05
06	7.3 B	6.4 B	5.6 B	23.9	8.4	5.5							06
07	7.1 B	6.3 B	5.5 B	85.1	8.6	5.7							07
08	21.2 B	6.2 B	5.5 B	22.1	7.7	6.4							08
09	27.7 B	6.2 B	5.5 B	16.5	15.1	5.9							09
10	13.6 B	6.1 B	5.5 B	15.1	9.7	5.7							10
11	10.4 B	6.1 B	5.5 B	36.6	7.8	5.4							11
12	8.9 B	6.0 B	5.7 B	24.9	8.2	5.7							12
13	8.1 B	5.5 B	5.9 B	22.0	9.6	8.7							13
14	7.7 B	5.8 B	11.3 B	16.7	43.0	6.1							14
15	7.4 B	5.7 B	15.4 B	13.7	22.0	5.1							15
16	7.0 B	5.7 B	11.3 B	13.1	11.5								16
17	6.7 B	5.6 B	9.4 B	12.6	10.4								17
18	6.7 B	5.5 B	8.6 B	12.4	9.7								18
19	6.7 B	5.5 B	8.4 B	18.1	9.3								19
20	6.6 B	5.5 B	8.5 B	36.9	11.4								20
21	6.6 B	5.6 B	25.3	26.8	14.6								21
22	6.6 B	5.6 B	35.1	14.3	8.2								22
23	6.6 B	5.7 B	38.7	11.5	7.3								23
24	6.6 B	5.7 B	29.3	10.6	6.9								24
25	6.7 B	5.7 B	16.0	9.8	6.6								25
26	15.0 B	5.7 B	11.7	9.2	6.1								26
27	11.3 B	5.7 B	10.9	8.6	5.9								27
28	8.9 B	5.7 B	11.3	8.1	5.9								28
29	7.9 B		15.7	7.8	5.6								29
30	7.4 B		27.9	7.5	5.6								30
31	7.1 B		44.9		5.5								31
TOTAL	281.5	166.8	412.5	694.5	306.5								TOTAL
MEAN	9.08	5.95	13.3	23.15	9.88								MEAN
AC-FT	558.35	330.84	818.19	1377.54	607.94								AC-FT
MAX	27.7	6.8	44.9	114.0	43.0								MAX
MIN	6.6	5.5	5.5	7.5	5.5								MIN

## SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FTLOCATION: AT THE CULVERT ON DURHAM REGION ROAD 4,  
ABOUT 3 MILES EAST OF THE COMMUNITY OF HAMPTON.B - ICE CONDITIONS  
E - ESTIMATEDMAXIMUM DAILY DISCHARGE, CFS  
MINIMUM DAILY DISCHARGE, CPS

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 6.1 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL

WITH RECTANGULAR CENTRAL NOTCH. STATION DISCONTINUED JUNE 1978.

## SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1965

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01												8.7	01
02												9.0	02
03												9.7	03
04												12.1	04
05												9.0	05
06												8.7	06
07												8.0	07
08												7.5	08
09												7.7	09
10												8.4	10
11												8.0	11
12												7.7	12
13												20.1	13
14												13.8	14
15												10.0	15
16												8.9	16
17												8.4	17
18												10.5	18
19												8.3	19
20												9.2	20
												11.4	21
21												15.6	21
22												11.5	22
23												11.9	23
24												11.5	24
25												10.8	25
26												11.7	26
27												30.8	27
28												12.9	28
29												9.8	29
30												8.6	30
31												21.6	31
TOTAL												331.1	TOTAL
MEAN												10.56	MEAN
AC-FT												650.73	AC-FT
MAX												24.5	MAX
MIN												6.5	MIN

## SUMMARY FOR THE YEAR 1965

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FTLOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,  
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.B - ICE CONDITIONS  
E - ESTIMATEDMAXIMUM DAILY DISCHARGE, CFS  
MINIMUM DAILY DISCHARGE, CPS

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 6.7 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	14.8	10.0 B	216.0	8.0	6.2	5.0	4.0	4.0	9.7	4.8	4.9	7.0	01
02	9.0	8.7 B	22.7	9.4	6.1	5.2	3.9	4.7	11.9	4.6	7.9	5.8	02
03	10.5	6.8 B	15.3	8.1	6.4	5.0	3.5	4.4	13.1	4.4	8.6	5.0	03
04	8.9	6.2	13.2	7.0	6.7	5.2	3.7	4.1	18.4	4.9	5.8	5.3	04
05	8.3	6.0 B	34.3	7.3	6.6	5.6	3.7	3.9	7.9	4.7	5.1	5.9	05
06	8.1	6.1 B	10.9	7.8	6.6	5.4	4.0	4.0	6.3	4.5	4.9	8.7	06
07	8.0	6.0	6.4 B	10.0	6.5	5.4	4.0	4.3	5.7	4.4	5.0	45.7	07
08	7.1 B	6.0	6.5 B	9.3	6.2	4.9	3.7	4.0	6.2	4.4	7.3	27.7	08
09	7.0 B	7.2	7.5 B	8.5	5.4	7.3	3.6	3.6	5.6	4.4	15.0	12.9	09
10	6.3 B	25.4	7.5	8.9	5.2	9.6	3.7	3.6	4.6	5.1	18.3	29.2	10
11	6.4 B	66.0	7.1	7.9	5.3	6.3	3.7	5.0	5.0	4.8	9.7	15.9	11
12	8.4 B	15.9	6.8	7.3	6.3	5.5	3.6	4.9	4.3	4.8	6.3	9.5	12
13	11.4 B	10.4	22.2	7.1	7.5	5.4	3.5	4.0	4.7	4.7	5.7	8.0	13
14	11.2 B	7.9	10.4	7.0	5.6	5.7	3.2	4.0	4.3	4.5	5.4	7.7	14
15	10.2 B	8.2	7.7	6.9	5.3	8.5	3.4	4.3	4.6	5.0	5.3	7.4	15
16	11.0 B	7.9	7.0	6.8	6.8	7.7	3.4	4.9	4.2	7.2	5.3	7.8	16
17	13.2 B	7.2	7.0	6.4	6.9	6.5	3.6	4.5	5.0	5.3	8.3	17	
18	11.4 B	7.4	9.2	6.1	6.2	5.5	3.5	4.1	4.2	4.7	5.4	8.9	18
19	10.0 B	6.8 B	13.4	6.3	16.8	4.7	3.5	4.1	4.3	5.1	5.1	6.9	19
20	8.1 B	10.2 B	10.4	8.4	8.1	4.7	3.6	4.0	4.2	4.7	5.0	6.3	20
21	7.2	11.0 B	8.7	8.8	8.0	4.3	3.3	4.3	5.4	4.6	5.2	6.1	21
22	7.0	10.0 B	14.6	7.8	6.2	4.1	3.1	7.0	7.0	4.6	5.1	5.6 B	22
23	6.8	7.8 B	10.7	6.8	5.5	4.0	2.6	7.0	5.6	4.6	5.5	5.5 B	23
24	6.9	7.5	11.9	7.1	5.2	4.1	3.3	5.7	4.8	4.6	5.6	6.1 b	24
25	5.6 B	7.4	9.0	6.8	5.1	3.9	3.4	6.4	4.6	4.6	11.9	6.1 B	25
26	6.4 B	6.9	7.4	6.2	5.0	4.1	3.1	6.8	4.4	4.6	8.2	6.1 B	26
27	7.1	7.5	7.7	6.2	4.5	4.0	3.4	6.7	4.4	4.7	6.2	5.8	27
28	6.5	18.8	7.4	6.5	5.1	4.1	3.8	6.8	4.4	4.7	20.3	5.6 B	28
29	7.4	7.2	6.8	5.0	4.0	3.9	7.2	5.2	4.6	20.6	5.8 B	29	
30	8.0 B	10.4	6.4	5.0	4.0	3.7	10.1	7.3	4.7	8.6	5.9 B	30	
31	9.6 B		8.8		5.1		4.0	10.7		4.8		5.9	31
TOTAL	267.8	313.2	545.3	223.9	196.4	159.7	110.4	163.1	186.5	147.8	238.5	304.4	TOTAL
MEAN	8.63	11.18	17.59	7.46	6.33	5.32	3.56	5.26	6.21	4.76	7.95	9.81	MEAN
AC-FT	531.18	621.23	1081.6	444.1	389.55	316.76	218.97	323.5	369.92	293.16	473.06	603.77	AC-FT
MAX	14.8	66.0	216.0	10.0	16.8	9.6	4.0	10.7	18.4	7.2	20.6	45.7	MAX
MIN	5.6	6.0	6.4	6.1	4.5	3.9	2.6	3.6	4.2	4.4	4.9	5.0	MIN

## SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, 7.8 CFS

TOTAL DISCHARGE, 5670 AC-FT

MAXIMUM DAILY DISCHARGE, 216.0 CFS

MINIMUM DAILY DISCHARGE, 2.6 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,  
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 6.7 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.1	7.7 B	5.5 B	26.2	6.0	4.7	6.1	4.5	4.1	5.0	5.8	5.7 B	01
02	6.1	7.0 B	5.5 B	22.9	9.1	4.5	7.8	4.3	3.9	4.7	20.2	5.6	02
03	6.1	5.7 B	5.5 B	46.8	9.9	4.5	7.5	5.2	3.9	4.5	12.0	6.1	03
04	6.2	6.1 B	5.6	12.3	6.8	4.4	5.7	5.5	3.8	4.4	9.4	6.0	04
05	6.2	6.1 B	5.6	12.0	6.4	4.4	5.0	4.5	3.7	4.4	7.2	6.1	05
06	6.0 B	5.9 B	5.5	21.6	6.1	4.5	4.7	4.2	3.7	4.3	6.6	6.3	06
07	6.4 B	5.9 B	5.7 B	13.5	6.9	4.7	4.6	4.1	3.7	4.3	6.2	6.2	07
08	6.2	5.9 B	5.4 B	10.8	11.9	6.5	4.5	4.5	3.8	4.4	6.0	7.1	08
09	5.9	6.0 B	5.6 B	10.4	8.9	5.8	5.7	5.4	3.8	4.9	6.6	6.8	09
10	6.0	6.0 B	6.7	18.5	7.5	10.3	5.8	8.1	3.8	4.5	6.4	5.9	10
11	5.9 B	6.0 B	28.6	9.4	8.6	8.4	5.0	4.6	3.7	4.5	7.4	6.6	11
12	6.2 B	9.5 E	35.2	7.8	8.7	5.5	5.0	4.3	3.7	4.5	16.8	22.2	12
13	6.1	7.5 E	16.2	7.8	6.6	5.4	4.8	4.1	3.7	4.5	12.1	11.2	13
14	6.1	6.5	18.8	11.5	6.1	4.9	4.5	4.0	3.7	4.9	8.1	7.9	14
15	6.2	6.2 B	19.7	18.6	6.5	6.0	4.4	4.0	3.7	4.7	6.9	7.1	15
16	5.8 B	6.3 B	8.6 B	11.4	6.0	5.6	4.4	4.0	3.8	8.7	7.2 E	6.8	16
17	5.9 B	6.6 B	6.5 B	11.2	5.6	4.3	4.3	4.0	3.8	7.9	7.0	6.7	17
18	5.9 B	6.3 B	6.1 B	11.1	5.6	7.0	4.2	4.0	3.8	13.6	15.8	8.8	18
19	6.7 B	6.3 B	6.5 B	8.5	10.9	4.9	4.3	4.1	3.8	22.2	10.4	13.3	19
20	6.6 B	6.2 B	7.9 B	7.5	7.4	4.6	4.2	4.5	3.9	8.1	7.2	7.9	20
21	6.2 B	6.2 B	9.1	7.3	6.4	4.6	4.1	4.1	5.1	6.7	6.6	30.0	21
22	5.8	6.1 B	7.1	28.8	6.9	18.4	4.1	4.0	5.2	6.1	8.1	31.7	22
23	10.2	6.0 B	6.5	10.4	6.3	6.7	5.0	3.9	4.2	5.8	13.6	10.1	23
24	23.2	5.6 B	7.8	8.7	5.7	5.6	5.5	3.9	4.4	5.6	9.6	7.7	24
25	64.2	5.6 B	10.6	7.6	5.5	7.0	4.7	3.9	4.2	7.2	8.2	7.3 B	25
26	14.8	5.6 B	68.5	7.1	5.3	5.5	4.3	4.0	4.1	7.6	8.8	6.7 B	26
27	9.4 B	5.6 B	59.0	6.7	5.3	4.8	4.8	4.2	4.1	6.5	7.4	6.3 B	27
28	8.8 B	5.5 B	32.7	6.3	5.3	4.6	6.9	4.8	11.5	8.8	6.6	6.7	28
29	7.5 B		36.0	6.1	5.1	4.5	4.2	12.1	6.4	6.2	5.9 B	29	
30	7.9 B		24.3	5.9	4.9	4.2	4.3	5.6	5.9	5.9	5.7 B	30	
31	8.3 B		25.7		4.7		4.7	4.5		5.7		6.2 B	31
TOTAL	288.9	175.9	498.0	394.7	421.9	183.2	155.3	137.7	136.3	201.3	264.3	285.2	TOTAL
MEAN	9.31	6.28	16.06	13.15	6.86	6.1	5.0	4.44	4.54	6.49	8.81	9.2	MEAN
AC-FT	573.03	348.89	987.78	782.88	422.28	363.37	308.03	273.12	270.35	399.27	524.23	565.69	AC-FT
MAX	64.2	9.5	68.5	40.8	11.9	18.4	7.8	8.1	12.1	22.2	20.2	31.7	MAX
MIN	5.8	5.5	5.4	5.9	4.7	4.4	4.1	3.9	3.7	4.3	5.8	5.6	MIN

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 8.0 CFS

TOTAL DISCHARGE, 5820 AC-FT

MAXIMUM DAILY DISCHARGE, 68.5 CFS

MINIMUM DAILY DISCHARGE, 3.7 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,  
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 6.7 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.9 B	18.5	5.7	13.2	7.1	7.2	5.7	5.4	4.8	4.7	5.3	8.0	31
02	6.9 B	97.0	6.1	9.9	7.6	7.0	5.4	4.4	5.5	4.7	5.3	8.3	02
03	6.9 B	36.1	5.3 E	9.6	7.3	6.8	5.3	3.8	5.5	7.9	5.3	8.6	03
04	6.6 B	19.0	5.3 E	27.1	7.5	6.1	5.4	4.5	5.0	5.6	5.3	15.8	04
05	6.2 B	12.6	5.3 E	14.4	6.7	5.9	5.4	3.7	5.3	5.1	5.3	13.0	05
06	6.3 B	10.1	5.3	10.6	6.3	5.8	5.3	6.1	21.1	5.0	5.3	8.8	06
07	6.2 B	8.8	5.3	9.8	6.1	5.6	5.1	5.3	6.7	5.8	6.6	7.7	07
08	6.8 B	7.5 B	5.5	9.8	6.2	5.6	5.1	5.2	5.7	5.4	6.5	6.9 B	08
09	7.2 B	7.5 B	9.3	9.4	8.3	5.6	5.1	7.0	5.4	5.2	6.4	6.9 B	09
10	7.3 B	6.7 B	29.6	9.1	9.0	5.7	5.4	5.1	5.4	5.3	7.3	6.8 B	10
11	7.2 B	7.0 B	19.6	8.8	7.0	5.8	5.1	4.9	6.8	5.3	6.0	7.0	11
12	7.1 B	7.0 B	8.2	8.5	9.6	6.2	5.0	4.9	6.3	5.2	5.6	6.8	12
13	7.0 B	7.0 B	6.7 B	8.3	8.2	5.8	4.9	4.9	5.3	5.2	5.5	11.9	13
14	7.0 B	7.0 B	5.8 B	8.3	6.9	5.7	4.9	4.8	5.0	5.2	5.5	8.0	14
15	6.9 B	7.0 B	6.7	8.3	7.5	5.7	4.9	4.8	5.0	5.2	7.3	6.4 B	15
16	6.8 B	6.7	68.6	7.9	11.6	5.6	5.1	5.0	4.9	5.3	6.9	6.4 B	16
17	6.7 B	6.5	87.4	7.6	11.0	5.5	5.0	6.6	4.8	5.3	5.9	6.1 B	17
18	6.6 B	6.7 B	77.2	7.4	7.8	5.4	4.9	5.3	4.8	5.3	7.8	6.1	18
19	6.7 B	6.4 B	41.5	7.4	7.4	6.4	5.2	5.2	4.8	10.6	7.1	6.1	19
20	6.4	6.4 B	37.1	7.2	18.7	5.6	5.0	6.1	4.7	6.5	6.2	5.9	20
21	6.3	6.4 B	31.8	7.0	9.5	5.6	4.8	5.2	4.8	5.7	6.2	5.6	21
22	6.4	6.1 B	19.1	7.1	8.2	7.3	4.7	8.8	4.6	5.4	7.7	5.7	22
23	6.4	6.1 B	18.4	7.1	7.3	6.1	4.7	7.8	4.7	5.4	8.0	6.7	23
24	6.1 B	5.8 B	8.3	7.5	6.7	5.9	4.7	5.9	4.8	5.3	10.1	5.7 B	24
25	6.1 B	5.8 B	11.7	7.1	6.3	5.8	4.6	5.6	5.0	5.3	7.8	6.2 B	25
26	6.1 B	5.8 B	22.6	6.9	6.2	12.0	4.0	5.3	4.8	5.4	6.7	6.2 B	26
27	6.1 B	5.5 B	26.5	6.4	5.9	7.0	4.3	5.3	4.8	5.3	7.1	6.3 B	27
28	6.1	5.5	24.8	6.0	5.9	9.0	4.2	5.0	4.7	5.3	16.1	6.4 B	28
29	6.4	5.5 E	20.2 E	5.8	11.5	6.7	4.3	4.8	5.3	23.8	6.5 B	29	
30	10.5		14.8	6.3	9.2	6.2	4.1	4.8	5.3	5.8	6.5 B	30	
31	10.5		13.6		7.6		4.6	4.8		5.2		6.6 B	31
TOTAL	212.7	344.0	653.3	269.8	252.1	190.6	152.2	166.3	170.6	172.7	224.7	229.9	TOTAL
MEAN	6.86	11.86	21.07	8.99	8.13	6.35	4.9	5.36	5.68	5.57	7.49	7.41	MEAN
AC-FT	421.89	682.32	1295.82	535.14	500.04	378.05	301.88	329.85	338.38	342.55	445.09	456.0	AC-FT
MAX	10.5	97.0	87.4	27.1	18.7	12.0	5.7	8.8	21.1	10.6	23.8	15.8	MAX
MIN	6.1	5.5	5.3	5.8	5.9	5.4	4.0	3.7	4.6	4.7	5.3	5.6	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 8.3 CFS

TOTAL DISCHARGE, 6030 AC-FT

MAXIMUM DAILY DISCHARGE, 97.0 CFS

MINIMUM DAILY DISCHARGE, 3.7 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,

ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.7 SQUARE MILES.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	6.4 B	14.0	6.2	7.8	6.9	5.7	6.0	7.6	4.6	4.8	5.2	5.8	31	
02	6.1 B	10.3	6.7	35.4	6.6	12.0	5.0	7.4	4.6	5.0	16.7	6.2 B	02	
03	5.9 B	10.4	8.9	10.4	7.5	12.9	5.3	5.7	4.5	5.2	9.0	6.0 B	03	
04	5.6 B	7.4 B	7.7 B	10.9	6.7	8.5	5.2	5.3	4.4	5.0	7.3	5.6 B	04	
05	5.4 B	7.1 B	6.8 B	22.2	6.2	8.1	5.6	5.1	4.5	4.9	6.5	5.8 B	05	
06	5.2 B	7.0 B	5.1 B	12.2	6.0	7.7	4.9	4.8	4.6	4.9	6.2	6.0 B	06	
07	5.0 B	6.5	5.2 B	11.1	6.2	6.8	4.7	4.9	4.6	5.1	6.0	5.7	07	
08	5.3 B	6.1	5.2 B	10.3	10.2	6.2	4.6	5.1	4.6	5.4	5.7	6.8	08	
09	7.5 B	5.8	6.0	9.8	9.5	5.9	4.5	4.8	4.5	5.1	5.7	6.8	09	
10	6.8	5.7 B	5.7 B	17.9	9.7	5.6	4.7	4.6	4.4	5.0	5.7	6.2	10	
11	5.9 B	6.0	6.0 B	10.3	13.1	5.6	6.2	4.6	4.5	4.9	5.8	16.2	11	
12	6.2 B	5.7	4.9 B	8.4	9.0	5.5	6.8	4.6	4.6	4.9	6.5	9.7	12	
13	6.1	5.3 B	5.5 B	8.2	8.1	6.5	5.1	4.5	4.4	4.9	6.1	7.7	13	
14	5.9	5.8 B	5.6	8.1	7.9	5.7	4.8	4.6	4.4	5.8	8.7	6.5 B	14	
15	5.7	5.7 B	8.5	8.2	6.9	5.7	4.6	4.6	4.5	5.1	5.1	5.9 B	15	
16	5.6 B	5.6 B	10.6	9.2	6.5	6.6	4.5	19.2	4.7	6.3	6.6	6.2 B	16	
17	5.9	5.5 B	26.7	11.4	6.4	5.5	4.5	20.8	4.8	5.9	6.4	6.8 B	17	
18	9.3	5.4 B	38.6	32.0	9.7	6.5	4.5	7.9	4.0	5.3	7.4	6.1	18	
19	11.7	5.3	20.1	13.5	27.9	6.4	4.2	18.8	4.5	5.3	11.0	6.2	19	
20	8.4	5.3	14.3	9.3	10.6	5.8	4.2	6.9	4.5	11.2	8.5	5.9 B	20	
21	7.0	6.9	30.6	8.5	8.3	5.3	4.4	5.9	4.5	6.6	6.4	6.0	21	
22	6.6	8.9	13.3	8.8	7.5	5.2	4.6	5.4	4.5	6.3	5.9	5.9 B	22	
23	7.5	8.1	13.0	14.0	7.0	6.2	4.0	5.3	4.5	5.6	6.1	5.9 B	23	
24	6.0 B	6.6	23.2	10.1	6.5	6.2	3.8	5.0	4.9	5.6	6.1	5.9 B	24	
25	40.3	6.2	30.4	8.1	6.7	5.7	12.8	4.9	4.7	5.8	6.0	6.1 B	25	
26	25.5 B	6.0	16.4	7.6	6.2	5.3	8.7	4.7	4.6	5.6	6.0	6.3 B	26	
27	15.1 B	5.8	9.7	7.4	6.0	5.1	7.2	4.7	4.6	5.3	5.5	6.6 B	27	
28	9.5 B	5.9	9.5	8.8	5.9	4.9	11.4	4.8	4.7	5.1	5.7	6.7 B	28	
29	8.7 B		12.1	9.6	7.9	4.7	8.5	4.7	4.7	5.0	5.7	6.5 B	29	
30	74.4			8.2	7.5	7.3	5.7	6.0	4.9	4.8	5.7	6.5 B	30	
31	60.5			7.6		5.6		5.3	4.6		5.0		6.3 B	31
TOTAL	454.0	190.3	378.3	357.0	256.5	193.5	176.6	206.7	137.3	171.1	211.3	207.9	TOTAL	
MEAN	14.64	6.79	12.2	11.9	8.27	6.45	5.69	6.66	4.57	5.51	7.04	6.7	MEAN	
AC-FT	900.5	377.46	750.35	708.1	508.76	383.8	350.28	409.98	272.33	339.37	419.11	421.36	AC-FT	
MAX	74.4	14.0	38.6	35.4	27.9	12.9	20.8	4.9	11.2	16.7	16.2	16.2	MAX	
MIN	5.0	5.3	4.9	7.4	5.6	4.7	3.8	4.5	4.4	4.8	5.2	5.6	MIN	

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 8.0 CFS

TOTAL DISCHARGE, 5830 AC-FT

MAXIMUM DAILY DISCHARGE, 74.4 CFS

MINIMUM DAILY DISCHARGE, 3.8 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,

ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.7 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.4 B	6.4	5.4	11.6	10.0	5.7	5.4	6.2	5.0	5.3	10.7	6.9	01
02	6.7 B	8.1	5.4	21.9	8.9	5.7	5.8	4.3	4.8	5.5	7.5	6.8	02
03	6.3 B	9.1 B	5.6	24.8	8.4	5.6	5.6	4.3	5.0	5.8	6.4	6.5	03
04	5.8 B	7.7 B	7.6	17.6	8.7	5.5	5.2	4.6	5.8	5.8	6.0	9.1	04
05	5.6 B	6.8	11.1	14.8	8.1	5.4	5.4	4.6	5.3	5.4	5.8	6.9	05
06	6.0 B	6.6	10.2	15.8	7.0	5.4	5.0	4.6	4.9	5.2	5.7	6.8 B	06
07	5.6 E	6.2	9.3	19.3	6.8	5.4	4.9	4.5	4.6	5.2	5.6	6.7 B	07
08	5.5	6.0	7.5 B	22.0	8.9	5.3	4.9	4.4	5.0	5.2	5.5	6.7	08
09	5.6	5.9	6.5 B	21.6	8.4	5.1	5.0	4.4	5.9	5.1	5.5	12.9	09
10	5.7 B	6.1	6.5 B	13.7	7.4	5.4	8.9	4.3	5.2	5.3	7.9	10.7	10
11	5.7 B	6.4	6.6 B	10.5	7.1	6.1	6.4	4.3	4.7	5.3	7.5	7.6 B	11
12	5.7 B	6.6 B	10.6	6.8	5.8	5.6	4.3	4.6	6.1	5.2	9.8	7.4 B	12
13	5.8 B	6.8 B	7.1	11.3	6.8	4.9	5.2	3.9	4.8	6.4	7.1	6.6	13
14	5.8 B	6.8 B	7.9	12.4	6.7	4.9	5.8	4.0	5.1	6.9	6.2	6.6	14
15	5.9 B	6.6 B	6.8	11.3	7.7	5.0	6.6	4.3	5.0	6.1	6.4	6.5	15
16	5.9 B	6.4 B	6.5	10.1	15.5	5.2	6.1	4.3	5.7	5.5	6.2	6.4	16
17	6.0 B	6.2 B	6.8 B	10.5	15.5	5.6	5.6	4.3	5.1	5.3	6.3	6.8 B	17
18	5.9 B	6.0 B	12.2	10.0	9.2	5.7	5.4	4.0	6.2	5.3	6.3	6.6	18
19	6.2 B	5.6 B	25.2	8.5	7.9	5.4	5.3	4.8	5.6	5.2	6.0	6.8 B	19
20	6.5 B	5.8 B	26.2	29.8	6.9	5.2	12.3	5.2	5.2	5.2	13.8	7.0	20
21	6.9 B	5.7 B	27.5	17.3	6.6	5.1	7.9	4.7	5.3	8.3	9.1	6.5 B	21
22	7.2 B	5.7 B	28.2	14.2	8.3	5.0	5.8	4.6	5.2	10.2	8.0	6.8 B	22
23	7.5	5.6	27.8	12.4	7.7	4.9	5.5	4.7	5.2	6.3	7.0	6.8 B	23
24	7.4 B	6.0	26.6	15.3	6.7	4.9	5.3	4.6	5.2	5.8	6.1	6.9 B	24
25	7.3 B	6.0 B	25.5	15.4	6.8	5.0	5.3	4.5	5.7	5.9	7.0 B	25	
26	6.9 B	6.2 B	30.5	11.6	8.7	5.4	5.2	4.6	5.9	5.5	6.4	7.0 B	26
27	6.5 B	5.8	22.9	10.4	6.6	8.9	5.0	4.6	7.4	5.4	7.2	7.0 B	27
28	6.2 B	5.5	15.2	9.7	6.3	5.5	5.0	4.7	5.5	5.3	10.6	6.7 B	28
29	7.8 B	12.0	9.1	6.0	5.7	4.8	4.6	5.3	5.2	8.5	6.9 B	29	
30	6.5 B	11.8 B	8.9	5.9	5.6	4.8	5.9	5.5	8.1	7.7	6.9 B	30	
31	6.2 B		10.3		5.9		4.9	6.9		15.3		7.0 B	31
TOTAL	195.0	178.6	425.3	432.4	248.2	164.3	179.9	144.0	160.7	192.2	218.7	223.8	TOTAL
MEAN	6.29	6.37	13.71	14.41	8.0	5.47	5.8	4.64	5.35	6.2	7.29	7.21	MEAN
AC-FT	386.78	354.25	843.58	857.66	492.3	325.88	356.83	285.62	318.74	381.22	433.79	443.9	AC-FT
MAX	7.8	9.1	30.5	29.8	15.5	8.9	12.3	6.9	7.4	15.3	13.8	12.9	MAX
MIN	5.5	5.5	5.4	8.5	5.9	4.9	4.8	3.9	4.6	5.1	5.5	6.4	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 7.6 CFS

TOTAL DISCHARGE, 5480 AC-FT

MAXIMUM DAILY DISCHARGE, 30.5 CFS

MINIMUM DAILY DISCHARGE, 3.9 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,  
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 6.7 SQUARE MILES.B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.1 B	8.6 B	15.7	20.1	9.0	4.7	4.9	4.3	3.6	4.4	4.9	5.4	01
02	7.1 B	8.6 B	10.8 B	76.0	10.2	5.9	4.6	4.2	3.6	4.3	4.9	5.0	02
03	7.3 B	8.6 B	9.4 B	34.9	9.1	9.7	4.4	4.2	3.8	4.3	4.8	5.0	03
04	8.5 B	8.6 B	8.7 B	17.9	8.3	6.2	4.4	4.1	3.9	4.5	4.8	5.0	04
05	9.3 B	35.3 B	9.4	17.6	7.8	5.4	4.7	4.0	4.2	4.4	4.9	4.8	05
06	6.9 B	22.0 B	7.6	27.0	7.6	5.1	17.9	3.9	4.3	4.6	5.1	7.4	06
07	7.2 B	7.1 B	7.9	39.0	7.2	5.0	6.2	3.9	5.2	4.7	9.2	07	07
08	5.8 B	6.3 B	7.3	31.2	7.4	6.1	5.3	3.8	4.4	4.4	7.2	08	08
09	6.4 B	5.9 B	7.6 B	42.8	8.0	5.4	4.9	3.8	4.1	5.7	5.1	10.3	09
10	6.3 B	8.1 B	7.6 B	36.8	7.1	4.1	4.6	4.0	4.0	7.2	6.2	13.0	10
11	6.3 B	6.9 B	7.9	29.2	6.8	4.6	4.5	4.0	5.3	5.9	10.8	11	11
12	6.1 B	6.3 B	7.4	27.2	6.8	4.6	4.4	3.9	4.4	5.1	7.2	12	12
13	6.3 B	6.1 B	6.8	38.5	6.8	12.9	5.2	3.2	4.8	4.9	5.8	6.5	13
14	6.4 B	6.1 B	6.9	27.1	6.1	6.4	5.0	3.9	4.8	6.1	6.1	6.1	14
15	6.3 B	6.2 B	12.4	18.1	5.8	5.3	4.5	3.9	4.6	5.2	6.5	11.9	15
16	6.2 B	6.3 B	28.3	18.1	5.9	5.0	4.5	3.7	4.4	5.0	5.7	11.4	16
17	6.4 B	6.3 B	18.3	17.0	6.1	4.9	5.3	3.6	4.7	4.8	5.5	7.7	17
18	6.5 B	6.3 B	14.6 B	16.7	5.6	4.8	4.6	3.5	4.5	4.9	5.4	5.8	18
19	6.6 B	6.0	14.7	17.0	5.5	4.7	4.6	3.5	4.4	4.7	6.1	5.7	19
20	6.6 B	8.3	11.0	15.4	6.2	4.7	4.6	3.5	11.6	4.6	6.4	7.1	20
21	6.6 B	8.9	9.1	13.8	5.7	4.9	4.4	3.6	7.5	4.7	7.0	6.9	21
22	6.6 B	7.2	8.7	12.3	5.3	4.5	4.4	3.8	5.2	4.8	5.8	5.7	22
23	6.6 B	10.0	8.3 B	10.7	5.2	4.4	5.2	5.4	4.9	5.1	6.6	6.6	23
24	6.5 B	8.3	7.8 B	10.4	5.2	4.5	5.0	3.8	4.7	5.0	5.1	8.0	24
25	6.5 B	7.5	8.4 B	10.2	6.5	6.4	4.9	3.8	4.6	7.6	5.5	7.5	25
26	6.9 B	7.8	9.1 B	9.8	5.9	5.6	7.1	5.0	4.6	5.6	5.6	6.5	26
27	8.5 B	19.0	8.0	9.3	7.0	6.1	7.1	4.6	5.3	7.0	6.2	27	27
28	8.6 B	22.2	8.4	9.5	5.9	13.5	4.7	5.6	4.8	5.0	7.7	6.5	28
29	8.7 B	8.2	10.7	5.3	5.9	5.0	4.7	4.9	4.9	6.3	6.1	29	29
30	8.7 B	9.1	9.5	4.9	5.1	4.6	4.1	4.4	4.8	6.0	5.1	4.8	30
31	8.7 B		11.5		4.8		4.1	3.9		4.8		7.7	31
TOTAL	218.5	274.8	316.9	673.8	205.0	176.4	164.6	128.4	143.5	156.5	171.1	225.3	TOTAL
MEAN	7.04	9.81	10.22	22.46	6.61	5.88	5.3	4.14	4.78	5.04	5.7	7.26	MEAN
AC-FT	433.39	545.06	628.57	1336.48	406.01	349.88	326.48	254.68	284.63	310.41	339.37	446.88	AC-FT
MAX	9.3	35.3	28.3	76.0	10.2	13.5	17.9	7.1	11.6	7.6	7.7	13.0	MAX
MIN	5.8	5.9	6.8	9.3	4.8	4.1	4.1	3.2	3.6	4.3	4.8	4.8	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 7.8 CFS

TOTAL DISCHARGE, 5660 AC-FT

MAXIMUM DAILY DISCHARGE, 76.0 CFS

MINIMUM DAILY DISCHARGE, 3.2 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,  
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 6.7 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.5	5.0 B	5.7	29.7	9.9	6.8	5.9	4.1	5.0	6.8	6.6	6.3	11
02	6.3	5.0 B	5.7 B	34.0	13.9	7.3	5.2	6.3	5.0	6.3	9.5	5.5	32
03	5.9	4.9 B	5.4 B	42.1	18.2	5.7	5.2	6.4	5.1	5.8	8.4	5.7	33
04	5.8	4.9 B	5.6 B	32.8	11.7	5.9	5.1	4.8	4.9	5.6	7.1	5.4	34
05	5.4	4.9 B	5.8 B	18.0	10.2	5.4	4.8	4.4	4.8	5.4	7.3	5.6	35
06	5.9 B	4.9 B	5.8	13.8	11.1	5.4	4.7	4.4	4.8	6.7	6.6	15.4	36
07	5.9	4.9 B	6.0 B	10.4 B	11.2	5.3	4.5	7.1	4.8	8.4	6.5	7.9	37
08	5.5	4.9 B	6.0 B	9.5 B	9.4	5.4	4.4	9.1	12.8	6.0	17.7	6.3	38
09	6.5	4.9 B	5.9 B	14.0 B	8.6	6.4	4.4	9.3	6.7	5.8	10.5	6.4	39
10	7.3	4.9 B	5.8 B	29.8	7.9	5.2	5.0	6.0	5.4	5.4	8.1	6.7	40
11	6.3	4.9 B	5.7 B	70.3	7.6	5.1	4.8	5.2	5.1	5.4	7.7	5.4	41
12	5.9	4.9 B	6.1	60.4	7.3	5.2	4.6	5.4	5.0	5.5	7.4	7.5	42
13	5.9	6.7 B	6.5	107.0	6.9	5.4	5.9	5.3	5.1	5.4	7.0	36.9	43
14	5.9 B	16.9 B	6.3	57.0	9.6	5.4	8.0	5.2	5.5	6.7	12.8	14	44
15	5.3 B	13.9 B	6.1	38.9	10.1	5.4	11.3	5.0	4.8	6.2	6.5	5.9	45
16	6.0 B	9.5 B	7.2	33.0	9.3	5.1	13.0	4.9	4.7	5.7	6.2	8.8 B	46
17	6.8 B	6.9 B	12.1	54.2	9.0	4.9	6.0	5.5	4.7	5.6	6.5	8.4 B	47
18	6.7 B	6.7 B	13.9	34.6	9.7	4.8	5.2	4.5	6.0	6.8	6.3	8.3 B	48
19	10.7	6.2 B	10.1 B	27.5	8.0	4.8	5.0	4.9	4.5	5.6	6.7	6.3	49
20	7.6	5.7 B	8.6 B	26.9	7.2	4.8	4.9	4.6	4.4	5.4	6.9	7.8	50
21	6.3 B	5.5 B	8.0	19.0	6.9	5.4	4.7	4.6	4.5	5.5	6.2	7.4	51
22	7.2	5.3 B	27.5	23.3	6.2	8.5	4.7	4.7	4.4	7.2	5.7	7.4	52
23	16.8	5.2 B	30.8	21.5	5.9	10.1	7.6	9.1	4.4	22.0	5.7	1.5	53
24	8.2	5.3 B	19.9	16.4	5.8	12.5	6.6	7.0	5.5	10.6	6.0	1.7	54
25	7.1 B	5.3 B	12.0 B	13.8	5.5	7.4	6.1	6.3	5.2	8.3	6.4	5.1	55
26	6.5 B	5.3 B	8.5 B	12.8	5.5	7.1	5.2	5.4	7.7	7.2	10.7	8.5	56
27	5.9 B	5.4 B	7.6 B	11.9	5.4	7.2	4.8	9.3	6.0	6.7	9.4	8.6	57
28	5.4 B	5.4 B	7.9 B	11.2	5.5	5.7	4.5	8.4	5.1	7.1	7.3	2.8	58
29	5.0 B	5.5 B	9.8	10.8	5.8	4.3	5.8	6.1	11.2	6.4	7.4 B	2.9	59
30	4.9 B		19.3	10.3	6.5	6.7	4.2	5.2	11.7	8.1	6.0	7.7 B	30
31	4.9 B		24.9		7.5		4.1	5.1		6.9		22.7 B	31
TOTAL	206.3	179.7	316.5	894.9	263.3	185.7	174.7	184.2	167.9	219.3	226.5	286.7	TOTAL
MEAN	6.65	6.19	10.2	29.83	8.49	6.19	5.63	5.94	5.59	7.07	7.55	9.24	MEAN
AC-FT	409.19	356.43	627.77	1775.03	522.25	368.33	346.51	365.36	333.02	434.98	449.26	568.66	AC-FT
MAX	16.8	16.9	30.8	107.0	18.2	12.5	13.0	9.3	12.8	22.0	17.7	36.9	MAX
MIN	4.9	4.9	5.4	9.5	5.4	4.8	4.1	4.1	4.4	5.4	5.7	5.4	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 9.0 CFS

TOTAL DISCHARGE, 6560 AC-FT

MAXIMUM DAILY DISCHARGE, 107.0 CFS

MINIMUM DAILY DISCHARGE, 4.1 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,

ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.7 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	24.6	10.0 B	6.1	53.2	9.0	8.3	6.1	8.4	4.6	4.8	13.0	7.1	01
02	12.5	66.3	8.3	31.5	10.7	7.2	5.8	6.5	4.0	5.5	8.5	6.0	02
03	10.8	26.1	31.3	31.8	14.9	6.6	5.5	5.2	4.5	7.3	9.5	6.6	03
04	13.7	11.0	80.3	20.4	10.3	6.5	5.4	4.9	4.4	5.0	6.7	7.2 B	04
05	11.7	9.1	15.2	22.7	9.2	9.1	6.2	4.6	4.4	6.4	6.3	8.7 B	05
06	8.6 B	8.6 B	38.3	14.9	8.3	7.7	5.2	4.6	4.5	5.4	6.2	7.0 B	06
07	8.1 B	7.9	39.5	12.8	7.5	10.4	5.1	4.7	4.3	5.2	6.6	7.0 B	07
08	7.9 B	7.7	22.2	11.6	9.8	7.3	5.0	4.6	4.3	5.0	7.1	6.4 B	08
09	7.8 B	6.9 B	12.5	10.6	18.5	6.5	4.7	4.6	4.3	4.9	6.4	6.9 B	09
10	7.6 B	6.4 B	13.3	10.9	11.9	6.0	4.8	4.8	4.4	4.8	5.7	7.4 B	10
11	7.4 B	5.7 B	39.7	10.8	16.4	5.8	4.6	4.7	4.4	4.9	5.8	6.9 B	11
12	7.2 B	6.9 B	21.4	9.8	11.3	5.8	4.6	4.5	4.4	5.0	6.0	6.5 B	12
13	7.1 B	6.8 B	13.5	9.2	9.6	5.7	4.7	4.5	4.4	5.4	5.9	6.6 B	13
14	6.9 B	6.7 B	12.6	9.0	8.8	5.3	5.4	4.5	4.5	6.5	5.9	6.5 B	14
15	6.7 B	6.7 B	16.2	9.1	8.9	5.4	4.8	4.5	4.5	5.2	12.3	6.1 B	15
16	6.4	6.7 B	13.7	8.9	8.6	5.6	4.6	4.3	4.4	5.2	10.9	6.0 B	16
17	6.5	6.9 B	43.6	9.2	8.9	5.7	3.8	4.0	4.5	5.4	7.1	5.9 B	17
18	13.2	6.9 B	16.1 B	8.5	8.2	6.4	4.4	14.7	7.5	5.4	5.7	5.8 B	18
19	36.8	6.8 B	12.0 B	9.0	7.6	6.3	4.4	7.5	5.2	6.7	6.4	5.7 B	19
20	20.8 B	6.8 B	9.9 B	8.5	6.8	5.9	4.6	5.8	5.2	6.7	5.7	5.7 B	20
21	11.2 B	6.6 B	9.5 B	8.1	7.3	5.7	4.6	5.3	4.9	5.5	6.8	5.7 B	21
22	21.6	6.3	9.4	10.9	6.6	5.6	4.3	5.0	5.1	5.3	8.9	5.0 B	22
23	29.8	6.2	11.5	9.8	6.3	5.5	4.2	4.9	5.2	5.2	6.9	5.5 B	23
24	12.7	6.1	14.3	8.3	6.4	6.5	4.2	4.9	6.3	5.3	7.6	5.5 B	24
25	10.1	6.0	13.6	7.7	6.4	5.9	4.5	4.8	5.4	5.2	9.2	8.1 B	25
26	9.9	6.0	13.2	7.3	5.5	4.3	4.3	4.8	5.2	5.1	7.0	17.7	27
27	10.1	5.6 B	11.0	8.5	5.5	4.7	5.0	5.1	5.3	12.7	11.7	28	
28	9.3	5.8 B	10.0	17.1	14.7	15.2	5.4	4.8	5.1	9.7	9.1	6.2	29
29	7.3 B		11.5	12.5	10.4	10.8	6.0	4.6	5.0	11.2	8.1	8.3 B	30
30	6.7 B		16.3	9.0	8.2	6.9	4.7	4.5	4.7	9.1		7.7 B	31
TOTAL	367.1	275.5	603.4	411.6	297.0	206.6	151.3	165.3	148.5	181.5	234.5	233.8	TOTAL
MEAN	11.84	9.83	19.46	13.72	9.58	6.88	4.88	5.33	4.95	5.85	7.81	7.54	MEAN
AC-FT	728.14	546.45	1196.84	816.4	589.09	409.79	300.1	327.87	294.54	360.0	465.13	463.74	AC-FT
MAX	36.8	66.3	80.3	53.2	18.5	15.2	6.2	14.7	7.5	11.2	13.0	17.7	MAX
MIN	6.1	5.6	6.1	7.3	6.3	5.3	3.8	4.0	4.5	4.8	5.7	5.5	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 9.0 CFS

TOTAL DISCHARGE, 6500 AC-FT

MAXIMUM DAILY DISCHARGE, 80.3 CFS

MINIMUM DAILY DISCHARGE, 3.8 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,

ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.7 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.3	11.2	20.6	25.9	11.6	7.4	8.2	5.6	5.1	6.2	6.3	6.1	01
02	7.2	8.5	13.3	46.0	8.7	7.0	7.1	5.7	4.9	6.2	6.1	6.6	02
03	7.2	8.5	12.0	23.3	8.5	6.6	33.3	5.6	6.3	5.9	6.2	6.8	03
04	7.2	8.3	43.2	70.3	6.3	6.5	11.3	6.7	5.3	5.9	7.3	6.3	04
05	7.2	8.2	113.0	19.7	7.7	6.4	8.3	6.0	4.9	5.9	6.7	6.0	05
06	7.2	8.1	33.3	13.7	10.8	6.3	7.1	5.5	4.8	5.7	7.0	6.2	06
07	7.1	8.1	30.1	13.0	9.3	6.2	6.4	5.2	4.7	6.1	6.3	6.3	07
08	7.0	7.9	16.2	11.2	8.4	6.0	6.1	5.1	4.6	6.1	6.1	12.5	08
09	7.0	7.8	12.0	10.0	13.7	6.2	5.9	5.3	4.9	6.1	6.1	10.2	09
10	7.0	7.7	11.1	8.8	11.5	6.1	7.3	5.2	5.2	6.1	6.0	7.0	10
11	6.9	7.6	10.1	10.0	9.2	6.0	5.8	5.1	5.2	5.9	6.0	6.6	11
12	6.9	7.2	9.4	12.0	39.7	6.2	5.6	6.1	5.4	6.1	9.2	10.2	12
13	6.8	6.3	8.8	15.0	20.3	5.9	5.5	6.0	5.9	6.0	8.3	9.0	13
14	6.7	5.7	8.2	21.7	13.3	5.9	5.8	5.4	5.5	10.7	9.4	8.1	14
15	6.6	5.7	8.0	20.7	16.8	9.1	6.1	5.2	5.3	7.6	7.3	7.2	15
16	6.3	5.6	8.1	12.7	16.5	11.4	5.3	5.1	5.2	6.4	6.6	9.0	16
17	6.4	5.5	8.1	11.2	37.2	7.4	5.2	5.2	5.3	6.4	7.3	10.2	17
18	6.3	5.5	8.0	10.8	14.3	8.6	5.3	5.2	5.5	6.0	6.9	8.4	18
19	6.4	5.7	8.0	9.7	11.4	13.9	5.2	5.0	5.2	5.8	6.6	7.5	19
20	6.8	5.7	8.0	9.1	14.6	4.9	5.0	5.2	5.8	16.0	7.3	7.3	20
21	10.3	5.7	8.0	9.0	9.4	8.6	4.7	5.0	5.2	5.8	15.7	7.1	21
22	8.8	20.2	8.0	14.8	9.1	7.2	4.6	4.9	5.3	6.0	8.7	6.8	22
23	9.9	20.1	7.9	17.1	9.3	6.3	4.7	5.0	5.2	6.1	7.8	7.1	23
24	8.7	9.7	7.9	14.3	8.5	6.1	5.2	4.7	5.2	5.9	9.4	7.5	24
25	7.4	6.9	8.0	11.1	9.1	6.2	5.3	3.9	6.5	6.0	7.9	7.5	25
26	7.4	6.4	7.8	9.9	8.9	6.2	5.5	5.0	6.5	5.9	6.5	6.9	26
27	80.4	6.4	7.6	9.2	8.4	5.9	5.7	5.7	5.9	6.1	6.5	27	
28	23.6	16.2	7.5	9.0	8.2	5.7	5.2	6.0	7.5	5.8	6.2	6.5	28
29	14.5		7.4	10.4	10.3	11.0	6.3	5.5	11.7	5.9	6.2	6.7	29
30	14.7		10.1	10.4	8.6	10.6	8.7	5.3	7.4	7.0	6.1	6.8	30
31	17.2		31.8		7.9		6.1	5.1		6.6		6.6	31
TOTAL	340.4	236.4	501.5	491.0	384.8	227.5	217.7	169.3	170.6	194.4	228.3	233.5	TOTAL
MEAN	10.98	8.44	16.17	16.36	12.41	7.58	7.02	5.46	5.68	6.27	7.61	7.53	MEAN
AC-FT	675.18	468.89	994.72	973.89	763.25	451.24	431.8	335.8	338.38	385.59	452.83	463.14	AC-FT
MAX	80.4	20.2	113.0	70.3	39.7	14.6	33.3	9.7	11.7	10.7	16.0	12.5	MAX
MIN	6.3	5.5	7.4	9.0	7.7	5.7	4.6	3.9	4.6	5.7	6.0	5.0	MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 9.3 CFS

TOTAL DISCHARGE, 6730 AC-FT

MAXIMUM DAILY DISCHARGE, 113.0 CFS

MINIMUM DAILY DISCHARGE, 3.9 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,  
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 6.7 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

## SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.6	5.8	8.7	9.4	10.0	10.6	4.7	3.9	5.6	5.6	9.1	9.4	01
02	6.5	5.8	8.4	8.8	9.8	7.2	4.7	4.5	6.6	5.8	6.9	6.4	02
03	6.4	5.7	8.2	8.4	9.2	6.8	4.8	5.0	4.9	5.2	6.4	6.1	03
04	6.4	5.8	7.8	8.5	12.7	6.4	5.5	5.0	4.7	5.2	6.1	6.0	04
05	6.2	5.8	7.6	8.5	17.3	6.4	5.0	4.6	4.6	5.7	5.7	6.2	05
06	6.1	5.8	7.4	8.6	11.5	6.8	4.6	4.5	4.8	5.6	5.7	12.2	06
07	6.3	5.8	7.2	9.2	9.7	6.1	4.6	4.5	4.5	5.6	5.7	6.9	07
08	6.6	5.9	7.0	10.7	8.7	5.9	4.3	4.1	4.6	5.3	6.2	5.6	08
09	30.0	5.9	6.9	12.1	8.1	5.7	3.9	4.5	4.2	5.2	5.9	5.6	09
10	14.6	5.9	6.7	12.6	7.6	5.5	4.2	4.4	4.6	5.6	14.9	5.6	10
11	26.4	5.9	6.6	12.9	7.4	5.4	5.7	7.5	5.1	5.6	8.3	5.6	11
12	11.4	5.9	8.9	13.0	7.5	9.4	4.9	4.9	12.6	5.4	6.7	5.8	12
13	7.8	5.9	19.8	13.4	8.6	7.0	4.8	4.1	6.0	6.1	6.3	5.9	13
14	7.1	6.0	11.2	16.1	6.8	6.6	4.8	3.7	5.6	6.0	5.9	7.0	14
15	7.0	6.1	9.6	17.9	6.9	6.2	4.6	4.5	5.3	5.7	5.9	17.6	15
16	6.5	6.2	20.3	18.9	9.8	7.0	4.7	4.6	5.2	5.5	5.8	8.4	16
17	6.7	6.5	34.6	18.8	7.3	5.1	3.9	4.6	5.2	5.4	7.0	7.1	17
18	6.5	11.0	33.8	18.2	6.8	6.5	4.6	4.4	5.5	7.5	5.7	6.4	18
19	6.4	10.5	78.2	65.8	6.7	10.9	6.4	3.7	13.5	6.1	5.6	6.0	19
20	6.4	8.6	39.0	19.7	6.4	7.3	9.3	4.2	8.8	6.0	5.7	5.9	20
21	6.4	7.7	15.1	14.0	9.4	6.0	7.3	4.4	6.7	5.9	6.5	5.8	21
22	6.2	13.8	40.2	12.2	7.0	5.5	5.3	4.6	5.8	5.8	5.9	5.7	22
23	6.2	53.5	18.7	12.0	6.2	5.9	4.9	4.3	5.6	5.7	5.6	5.8	23
24	6.5	187.0	20.3	23.1	5.9	6.0	5.4	7.7	5.0	5.5	5.6	5.8	24
25	8.0	31.8	25.4	14.2	5.8	5.2	5.1	6.4	4.2	5.5	5.5	5.8	25
26	14.0	12.5	12.3	12.1	6.1	4.6	4.8	5.3	5.6	5.5	5.3	5.8	26
27	9.2	10.1	10.1	10.8	6.2	5.2	4.9	5.0	5.4	10.7	5.8	27	
28	7.4	9.1	9.3	10.2	5.5	5.0	5.0	4.6	5.2	5.4	8.4	5.9	28
29	8.2	11.7	9.7	5.4	4.9	4.6	5.1	5.1	5.4	6.8	6.0	8.2	29
30	7.6	8.0	10.2	9.4	15.2	4.7	4.6	6.4	5.0	5.3	8.4	10.1	30
31	5.8		9.5	8	13.8		4.6	5.1		5.3		12.7	31
TOTAL	274.3	456.3	520.7	439.2	265.3	191.8	156.5	150.3	175.4	174.6	202.9	221.2	TOTAL
MEAN	8.84	16.29	16.79	14.64	8.55	6.39	5.04	4.84	5.84	5.63	6.76	7.13	MEAN
AC-FT	544.07	905.07	1032.8	871.15	526.22	380.43	310.41	298.12	347.9	346.31	402.45	438.75	AC-FT
MAX	30.0	187.0	78.2	65.8	17.3	10.9	9.3	7.7	13.5	7.5	14.9	17.6	MAX
MIN	5.8	5.7	6.6	8.4	5.4	4.6	3.9	3.7	4.2	5.2	5.3	5.6	MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 8.8 CFS

TOTAL DISCHARGE, 6400 AC-FT

MAXIMUM DAILY DISCHARGE, 187.0 CFS

MINIMUM DAILY DISCHARGE, 3.7 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,

ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.7 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	7.3 B	7.1 B	19.0	30.4	8.5	11.7	13.0	12.8	6.2	4.9	5.0 E	5.5 B	01
02	6.9 B	6.8 B	12.8 B	18.6	8.6	8.7	10.6	6.6	5.7	4.8	5.0 E	5.3 B	02
03	6.6 B	6.4 B	11.9 B	15.4	11.5	7.4	11.2	5.7	4.8	4.7	5.0 E	5.2 B	03
04	6.3 B	5.9 B	12.3 B	13.3	8.1	6.6	11.1	5.4	5.4	4.6	5.0 E	5.2 B	04
05	6.2 B	5.2 B	46.0	11.7	7.6	6.2	7.8	5.3	4.9	4.6	5.0 E	5.2 B	05
06	6.3 B	5.1 B	36.2	11.1	9.9	6.0	6.9	5.4	4.5	4.8	5.0 E	5.7 B	06
07	6.4 B	5.1 B	17.0	10.1	23.6	6.5	6.7	5.0	4.4	7.8	5.0 E	5.6 B	07
08	6.3 B	5.3 B	12.1 B	9.3	13.8	5.9	7.2	5.2	4.4	5.6	5.0 F	5.6 B	08
09	6.3 B	5.2 B	10.7 B	8.9	10.2	5.9	6.2	5.7	4.4	6.3	4.7	5.6 B	09
10	6.3 B	5.6 B	9.8 B	9.0	9.0	5.6	6.0	5.3	6.1	7.9	5.0	5.6 B	10
11	6.4 B	6.1 B	9.1 B	8.5	9.6	5.7	10.8	4.8	5.4	5.6	4.9	5.6 B	11
12	6.4 B	6.0	8.9 B	7.7	11.1	5.3	9.9	5.2	5.1	5.4	4.8	5.6 B	12
13	6.3 B	6.2	18.5 B	8.5	8.3	5.4	7.5	6.1	4.7	5.2	5.0	5.6 B	13
14	6.3 B	6.1	13.7 B	8.0	8.4	9.2	6.7	7.6	4.5	5.2	5.3	7.8 B	14
15	6.3 B	6.7	9.8 B	14.4	8.7	6.2	6.2	6.9	4.5	5.2	5.1	6.4 B	15
16	6.3 B	15.0	9.2 B	23.5	19.8	8.5	6.3	5.4	4.6	5.0	4.9	5.8 B	16
17	6.2 B	17.9	9.0 B	12.4	36.5	7.4	6.6	4.8	4.8	5.0	4.9	5.5 B	17
18	6.1 B	19.2	8.8 B	10.1	16.4	6.1	7.6	4.6	5.3	4.9	5.3	5.3 B	18
19	6.1 B	38.6	14.0 B	9.0	18.5	8.3	6.2	4.6	5.0	5.5	5.2 B	19	
20	6.0 B	19.7	71.7	8.3	15.7	7.4	6.2	4.6	6.1	6.3	5.5	6.8 B	20
21	6.0 B	13.8	95.0	8.0	11.1	6.6	7.4	4.6	5.8	8.2	4.8	8.2 B	21
22	5.9 B	38.0	22.1 B	11.1	9.7	16.0	5.6	4.5	6.7	6.2	4.8	6.4 B	22
23	5.9 B	17.8 B	26.8 B	11.2	8.9	8.0	5.2	4.5	6.7	5.8	5.0	6.1 B	23
24	5.9 B	13.7 B	33.9	8.7	8.5	6.9	5.5	4.3	5.6	5.7	5.1	5.8 B	24
25	5.9 B	21.6	39.4	19.0	8.5	12.9	4.9	4.3	5.1	6.0	5.1	5.5 B	25
26	7.1 B	34.9	23.9	18.1	8.4	8.0	4.9	4.4	5.2	7.2	5.5 B	26	
27	12.2 B	37.5	34.8	15.0	8.4	7.9	5.5	4.6	6.8	12.9	5.8 B	27	
28	10.2 B	26.4	24.6	11.9	7.3	6.6	4.9	5.0	5.6	7.8 B	5.8 B	28	
29	8.6 B	22.3	16.8	9.7	6.9	7.8	8.0	5.7	5.1	5.0 E	6.4 B	5.8 B	29
30	7.8 B	18.0	18.0	8.7	7.0	14.5	7.5	4.7	4.9	5.0 E	5.8 B	5.5 B	30
31	7.5 B		37.5		15.3		12.9	4.6				5.5 B	31
TOTAL	210.4	425.2	733.3	369.6	363.8	235.2	233.0	168.2	158.1	171.9	165.8	180.0	TOTAL
MEAN	6.78	14.66	23.65	12.32	11.73	7.84	7.51	5.42	5.27	5.54	5.52	5.8	MEAN
AC-FT	417.32	843.38	1454.5	733.1	721.59	466.51	462.15	333.62	313.59	340.96	328.86	357.03	AC-FT
MAX	12.2	38.6	95.0	30.4	36.5	16.0	13.0	12.8	6.8	12.9	8.2	MAX	
MIN	5.3	5.1	8.8	7.7	6.9	5.3	4.9	4.3	4.4	4.6	4.7	5.2	MIN

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 9.3 CFS  
 TOTAL DISCHARGE, 6770 AC-FT  
 MAXIMUM DAILY DISCHARGE, 95.0 CFS  
 MINIMUM DAILY DISCHARGE, 4.3 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,  
 ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 6.7 SQUARE MILES.

B - ICE CONDITIONS  
 E - ESTIMATED  
 NATURAL FLOW

## SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.8 B	5.2 B	7.5	9.4	6.6	6.5	5.5	5.7	4.3	11.1	5.5	24.3	01
02	5.8 B	5.0 B	7.0	10.3	7.4	5.7	4.7	3.9	14.5	10.3	5.5	15.4	02
03	5.5 B	5.0 B	6.6	24.8	6.5	5.1	4.3	3.6	7.3	8.0	5.6	11.0	03
04	5.5 B	5.0 B	15.6	10.7	6.2	4.7	4.4	3.6	5.4	6.5	5.6	9.5 B	04
05	5.2 B	5.0 B	44.6	20.5	6.3	4.7	4.4	4.1	5.0	6.2	5.6	8.6 B	05
06	5.5 B	5.0 B	23.3	10.9	6.4	4.6	5.6	4.9	4.8	6.1	5.5	8.1 B	06
07	5.5 B	4.7 B	14.3	8.6	5.8	4.6	6.2	4.2	4.8	5.8	8.6	7.8 B	07
08	5.5 B	4.7 B	13.8	8.6	5.7	4.5	6.0	3.8	4.9	9.6	21.4	7.6 B	08
09	5.5 B	4.7 B	43.1	9.8	7.3	4.4	4.9	4.0	4.9	16.5	9.5	7.5 B	09
10	5.5 B	9.0 B	47.6	9.8	6.2	4.3	4.4	6.9	5.3	9.7	14.7	7.5 B	10
11	5.5 B	7.9 B	39.9	9.5	5.8	4.3	4.3	8.9	4.9	7.5	13.2	7.5 B	11
12	5.5 B	5.9 B	38.1	8.9	5.5	4.2	4.6	4.8	5.0	7.4	8.8	7.4 B	12
13	5.5 B	8.3 B	97.2	8.4	5.4	4.4	4.5	4.0	6.8	6.8	7.8	7.4 B	13
14	5.5 B	7.0 B	29.6	7.9	5.2	4.2	4.0	4.2	7.8	6.6	7.1	28.9	14
15	5.5 B	6.5 B	22.4	7.2	5.1	4.1	4.0	3.7	5.7	6.5	7.5	26.6	15
16	5.5 B	6.3 B	20.1	6.9	5.0	4.2	4.1	5.0	7.6	6.9	10.5	14.5	16
17	5.5 B	6.2 B	14.7	6.5	5.0	5.0	3.9	7.9	8.7	6.3	20.0	13.1	17
18	5.5 B	6.1 B	12.2	6.4	5.6	6.7	3.8	4.4	6.5	6.1	13.6	11.9	18
19	5.5 B	6.1 B	11.6	6.4	5.7	5.9	4.3	4.0	6.3	6.2	11.0	11.2	19
20	5.5 B	6.0 B	11.2	6.4	5.0	5.1	3.4	4.4	10.0	6.1	9.0	11.0	20
21	5.5 B	6.0 B	11.0	6.5	4.8	5.1	3.3	4.0	8.1	5.9	9.2	12.6	21
22	5.5 B	5.9 B	12.4	10.1	4.6	4.5	3.4	7.7	6.5	6.0	8.5	12.7	22
23	5.5 B	5.8 B	10.3	15.2	4.6	4.3	3.4	4.6	6.1	5.7	8.8	11.5	23
24	5.5 B	7.1	10.1	14.8	4.7	4.3	3.4	5.7	5.8	5.7	13.0	10.9	24
25	5.5 B	11.1	14.0	13.9	4.8	5.8	3.5	4.5	14.1	5.8	9.5	20.8	25
26	5.5 B	8.4	9.8	9.9	4.5	5.0	3.3	4.1	11.8	5.8	14.1	14.5 B	26
27	5.5 B	7.6	9.9	8.6	4.4	4.4	3.3	4.1	8.8	5.7	9.1	10.5 B	27
28	5.2 B	8.5	12.1	7.8	4.2	4.3	3.4	4.2	6.9	5.6	8.0 B	9.5 B	28
29	5.2 B	16.8	7.1	4.3	7.9	3.4	4.1	6.4	5.6	8.1 B	9.5 B	29	
30	5.2 B	13.5	6.8	4.3	5.3	3.6	4.2	6.2	5.5	8.2	9.5 B	30	
31	5.2 B		13.0		4.2		4.3	4.1		5.5		9.5 B	31
TOTAL	169.6	180.0	653.3	298.6	167.1	148.1	129.6	147.3	211.2	219.0	292.5	378.3	TOTAL
MEAN	5.47	6.42	21.07	9.95	5.39	4.93	4.18	4.75	7.04	7.06	9.75	12.2	MEAN
AC-FT	336.4	357.03	1295.82	592.27	331.44	293.75	257.06	292.16	418.91	434.38	580.17	750.35	AC-FT
MAX	5.8	11.1	97.2	24.8	7.4	7.9	6.2	8.9	14.5	10.5	21.4	28.9	MAX
MIN	5.2	4.7	6.6	6.4	4.2	4.1	3.3	3.6	4.3	5.5	5.5	7.4	MIN

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 8.2 CFS

TOTAL DISCHARGE, 5940 AC-FT

MAXIMUM DAILY DISCHARGE, 97.2 CFS

MINIMUM DAILY DISCHARGE, 3.3 CFS

LOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,

ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.7 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## SOPER CREEK NEAR STEPHENS GULCH - STATION NO. 02HD223

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.5 B	10.2 B	6.5 B	69.4	9.4	7.0							01
02	9.4 B	10.0 B	6.5 B	34.6	9.3	7.2							02
03	9.5 B	9.8 B	7.0 B	19.8	8.9	7.0							03
04	9.5 B	9.6 B	7.0 B	17.4	8.8	6.7							04
05	9.5 B	9.4 B	7.0 B	27.4	9.2	7.1							05
06	9.2 B	5.2 B	6.5 B	25.0	10.3	6.8							06
07	9.1 B	9.1 B	6.8 B	56.2	10.3	6.9							07
08	15.6 B	9.0 B	6.7 B	24.5	9.2	7.8							08
09	28.0 B	8.8 B	6.7 B	17.8	15.4	7.1							09
10	17.6 B	8.5 B	6.7 B	17.1	11.7	7.0							10
11	13.5 B	8.4 B	6.8 B	28.5	9.7	6.6							11
12	11.7 B	8.2 B	6.7 B	25.4	9.8	6.5							12
13	10.6 B	8.1 B	6.6 B	22.7	10.9	9.6							13
14	10.1 B	7.9 B	11.0	18.3	27.2	7.2							14
15	9.9 B	7.8 B	15.8	15.3	23.9	6.7							15
16	9.8 B	7.7 B	13.0	15.0	13.8								16
17	9.6 B	7.6 B	11.5	14.7	12.5								17
18	9.4 B	7.5 B	10.3	14.3	12.4								18
19	9.3 B	7.4 B	9.7	18.1	12.8								19
20	9.1 B	7.4 B	8.9	28.7	11.4								20
21	8.9 B	7.3 B	17.8	27.7	16.4								21
22	8.7 B	7.2 B	30.8	16.6	10.7								22
23	8.6 B	7.2 B	30.3	13.8	9.5								23
24	8.7 B	7.1 B	29.9	12.9	9.1								24
25	8.9 B	7.0 B	17.1	12.0	8.6								25
26	15.5 B	6.9 B	13.4	11.4	8.0								26
27	14.3 B	6.8 B	11.9	10.9	7.8								27
28	11.5 B	6.9 B	11.5	10.3	7.6								28
29	10.9 B		12.6	9.8	7.5								29
30	10.6 B		21.1	9.5	7.2								30
31	10.4 B		33.1		7.1								31
TOTAL	346.9	228.0	398.4	645.1	346.4								TOTAL
MEAN	11.19	8.14	12.85	21.5	11.17								MEAN
AC-FT	688.07	452.23	790.22	1279.55	687.08								AC-FT
MAX	28.0	10.2	33.1	69.4	27.2								MAX
MIN	8.6	6.8	6.6	9.5	7.1								MIN

## SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FTLOCATION: AT THE BRIDGE ON DURHAM REGION ROAD 4,  
ABOUT 3.5 MILES EAST OF THE COMMUNITY OF HAMPTON.

MAXIMUM DAILY DISCHARGE, CFS

TYPE OF GAUGE: CONTINUOUS RECORDING.

MINIMUM DAILY DISCHARGE, CFS

DRAINAGE AREA: 6.7 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

11.7

NATURAL FLOW

## SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1965

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01													01
02													02
03													03
04													04
05													05
06													06
07													07
08													08
09													09
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
AC-FT													AC-FT
MAX													MAX
MIN													MIN

## SUMMARY FOR THE YEAR 1965

MEAN DISCHARGE, CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP, SIDE ROAD 6-7,

TOTAL DISCHARGE, AC-FT

ABOUT 0.5 MILE EAST OF BOWMANVILLE.

MAXIMUM DAILY DISCHARGE, CFS

TYPE OF GAUGE: CONTINUOUS RECORDING.

MINIMUM DAILY DISCHARGE, CFS

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

11.0

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	9.2			4.1	1.6	0.71	0.29	0.06	1.3	1.2	1.2	5.0	01	
02	6.2			6.7	1.4	0.67	0.2	0.24	1.2	1.2	2.0	3.6	02	
03	6.9		5.0	5.6	1.5	0.61	0.2	0.71	1.1	1.1	3.3	2.6	03	
04	5.9		3.7	4.0	1.6	0.65	0.2	0.26	3.7	1.1	2.1	3.3	04	
05	5.4		14.0	4.1	1.5	0.58	0.2	0.29	1.6	0.88	1.5	2.2	05	
06	5.1		3.7	4.8	1.6	0.55	0.3	0.71	1.2	0.28	1.4	14.6	06	
07	4.8		2.4	5.0	1.5	0.86	0.4	0.52	1.1	0.4	1.4	128.0	07	
08	4.8		2.4	4.2	1.4	0.63	0.3	0.55	0.97	0.6	2.8	68.9	08	
09	5.1		2.7	4.0	1.2	0.92	0.2	0.63	0.91	0.73	6.3	20.7	09	
10	4.9		2.2	4.1	1.2	2.3	0.2	0.55	0.87	1.0	25.3	82.2	10	
11	4.3			1.9	3.2	1.1	1.2	0.2	0.92	0.82	1.1	7.9	26.4	11
12			1.7	2.8	1.4	0.86	0.2	1.0	0.82	1.2	3.6	7.8	12	
13			5.3	2.7	2.2	0.69	0.3	0.76	0.79	1.1	2.8	5.7	13	
14			3.6	2.6	1.5	0.84	0.3	0.66	0.93	1.1	2.5	5.0	14	
15			2.4	2.4	1.3	4.7	0.3	0.74	0.91	1.1	2.2	4.6	15	
16			2.0	2.2	1.5	5.1	0.3	1.1	0.86	2.4	2.2	4.8	16	
17			1.9	2.0	1.9	2.4	0.3	1.1	0.85	1.5	2.1	5.8	17	
18			2.4	1.9	1.6	1.6	0.3	0.71	0.85	1.3	2.1	6.2	18	
19			4.0	1.8	3.3	1.2	0.3	0.69	0.83	1.3	1.9	3.6	19	
20			3.8	2.7	2.1	1.0	0.3	0.58	0.8	1.4	1.6	2.8	20	
21			2.6	2.7	2.1	0.87	0.3	0.54	1.3	1.2	1.7	2.7	21	
22			6.0	2.6	1.6	0.73	0.3	1.2	2.3	1.2	1.7	2.6	22	
23			5.6	2.0	1.3	0.6	0.3	2.0	1.6	1.2	1.8	2.5	23	
24			7.1	2.3	1.2	0.52	0.3	1.0	1.2	1.1	2.1	2.1	24	
25			5.5	2.2	1.2	0.43	0.3	0.91	1.1	1.1	6.6	1.8	25	
26			4.0	1.7	0.98	0.4	0.3	0.98	1.0	1.1	5.2	1.7	26	
27			3.0	1.6	0.86	0.37	0.3	0.85	1.0	1.1	3.4	1.6	27	
28			2.7	1.9	0.82	0.32	0.74	0.79	1.0	1.1	32.1	1.7	28	
29			3.3	1.9	0.77	0.35	0.82	0.78	1.1	1.1	46.3	1.9	29	
30			6.8	1.7	0.76	0.32	0.54	1.0	1.9	1.0	8.2	1.9	30	
31				4.9		0.75		0.3	2.3		1.1		31	
TOTAL			116.6	91.5	44.74	32.98	9.79	25.13	35.91	34.29	185.3	425.9	TOTAL	
MEAN			4.02	3.05	1.44	1.09	0.31	0.81	1.19	1.1	6.17	13.73	MEAN	
AC-FT			231.27	181.49	88.74	65.41	19.41	49.84	71.22	68.01	367.54	844.77	AC-FT	
MAX			14.0	6.7	3.3	5.1	0.82	2.3	3.7	2.4	46.3	128.0	MAX	
MIN			1.7	1.6	0.75	0.32	0.2	0.06	0.79	0.28	1.2	1.6	MIN	

## SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 128.0 CFS  
MINIMUM DAILY DISCHARGE, 0.06 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,  
ABOUT 0.5 MILE EAST OF BOWMANVILLE.

B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

## SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY			
01	2.1	3.3	0.718	12.7	2.2	1.5	E	2.0	0.66	1.7	E	3.1	3.0	01		
02	2.1	3.3	0.758	15.2	3.6	1.3	E	5.9	1.6	1.3	E	20.4	2.5	02		
03	2.2	3.2	0.798	61.4	6.1	1.3	E	5.4	2.6	1.2	E	11.8	2.6	03		
04	2.3	3.1	0.838	8.4	4.0	1.2	E	4.0	2.5	1.1	E	7.0	3.0	04		
05	2.5	3.0	0.898	7.3	3.4	1.1	E	2.6	2.0	0.41		5.1	3.4	05		
06	2.1	B	2.9	0.938	16.9	3.0	1.1	E	2.1	1.4	0.43	1.8	4.3	3.0	06	
07	2.5		0.938	12.0	3.2	1.1	E	1.8	1.3	0.44	1.7	4.1	3.2	07		
08	2.2		2.8	0.928	9.0	8.0	1.8	1.6	1.8	0.44	1.6	3.8	3.9	08		
09	2.1		2.7	0.928	7.5	5.9	1.7	1.5	2.3	0.47	1.2	4.3	3.2	09		
10	2.4		2.6	8.2	5.1	2.3	1.5	1.5	0.5	1.3	4.0	4.0	2.4	10		
11	2.1		2.5	8	4.8	7.1	4.8	2.1	1.4	0.48	1.4	4.5	5.0	11		
12	1.9		2.1	4.2	5.3	6.0	1.4	2.6	1.4	0.44	1.4	10.3	34.9	12		
13	2.3		1.7	21.0	5.1	4.3	1.3	3.1	1.2	0.36	1.4	7.1	9.7	13		
14	2.3		1.3	26.3	7.7	3.3	0.94	1.9	0.93	1.6	5.3	5.7	14			
15	2.4		1.2	8	19.7	3.7	1.5	1.6	0.71	0.36	1.6	4.2	4.6	15		
16	2.2	B	1.2	8	8.4	3.3	1.8	1.5	0.54	0.33	3.1	3.6	4.0	16		
17	2.2		1.1	8	8.8	7.7	2.8	5.1	1.2	0.49	3.6	3.8	3.8	17		
18	2.2	B	1.1	8	8.4	2.7	8.0	1.0	0.63	0.45	9.2	15.3	4.6	18		
19	2.2	B	1.1	8	2.6	8	5.6	2.5	0.99	0.84	0.45	14.5	11.5	7.0	19	
20	2.4	B	1.0	8	3.5	8	4.3	1.8	0.71	0.84	0.48	6.0	5.9	5.1	20	
21	2.4		0.998	4.0	8	4.5	3.1	1.5	0.6	0.95	4.3	4.4	40.3	21		
22	2.1		0.938	3.9	12.5	3.2	8.5	0.55	0.6	1.7	3.5	5.9	56.6	22		
23	37.0		0.868	6.7	6.8	3.1	3.9	1.7	0.48	0.95	3.2	15.6	9.0	23		
24	28.1		0.798	66.2	5.3	2.6	2.4	4.6	0.46	1.1	E	3.0	9.1	5.2	24	
25	44.9		0.733	31.4	4.3	2.3	3.1	3.2	0.44	0.9	E	3.9	6.5	5.7	25	
26	9.7		0.668	47.1	3.8	2.0	2.4	1.6	0.46	0.9	E	5.4	5.9	4.8	26	
27	3.4	B	0.658	24.7	3.4	1.9	1.6	3.0	0.6	0.8	E	4.1	4.8	3.8	27	
28	3.4	B	0.688	12.6	2.9	2.0	1.4	22.4	1.3	4.0	E	4.5	3.5	6	28	
29	3.4	B	13.6	2.6	1.7	1.8	3.6	0.87	8.4	E	3.7	3.4	2.0	B	29	
30	3.4	B	11.2	2.3	1.6	E	3.3	2.3	0.72	2.5	E	3.2	2.9	1.8	30	
31	3.4	B		10.8		1.5	E		2.1	1.2		3.1		1.9	B	31
TOTAL	185.5		50.29	419.67	293.2	110.1	70.74	90.95	38.76	31.03	100.7	201.4	248.5	TOTAL		
MEAN	5.98		1.79	13.53	9.77	3.55	2.35	2.93	1.25	1.03	3.24	0.71	0.01	MEAN		
AC-FT	367.93		59.75	832.41	581.56	218.38	140.31	180.39	76.88	61.54	199.73	399.47	492.89	AC-FT		
MAX	44.9		3.3	60.2	61.4	8.0	8.5	22.4	3.8	8.4	14.5	20.4	55.5	MAX		
MIN	1.9		0.65	0.71	2.3	1.5	0.94	0.55	0.44	0.33	1.2	2.9	1.8	MIN		

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 5.0 CFS  
TOTAL DISCHARGE, 3650 AC-FT  
MAXIMUM DAILY DISCHARGE, 66.2 CFS  
MINIMUM DAILY DISCHARGE, 0.33 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,  
ABOUT 0.5 MILE EAST OF BOWMANVILLE.

B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

## SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.9	24.5 E	4.5	7.7	2.3	2.7	1.4	0.48	0.43	0.47	1.1	3.1	01
02	1.9	132.0 E	1.4	2.2	3.1	2.4	1.1	0.4	0.49	0.46	1.1	3.5	02
03	1.8	31.5 E	2.4	4.8	2.7	2.4	0.9	0.36	0.62	1.4	1.2	3.5	03
04	1.7	134.8 E	2.1	31.3	2.9	1.8	0.95	0.35	0.48	1.1	1.2	4.1	04
05	1.7	6.0 B	1.4	11.8	2.3	1.5	0.94	0.32	0.48	0.75	1.2	13.0	05
06	1.6	4.4 B	1.9	6.2	1.8	1.3	0.95	1.1	4.7	0.75	1.2	5.3	06
07	1.5	3.5 B	2.7	5.4	1.6	1.4	0.79	0.78	1.6	1.1	2.9	3.6	07
08	1.4	3.6 B	2.0	5.2	1.5	1.1	0.72	0.54	0.81	0.94	3.3	2.7	08
09	1.4	2.0 B	5.8 E	4.6	2.4	1.1	0.68	0.94	0.65	0.76	2.0	1.8	09
10	1.3	1.5 B	4.3 E	4.2	3.2	1.1	0.86	0.52	0.66	0.84	2.6	2.6	10
11	1.2	1.4 B	14.9 E	3.9	1.9	1.1	0.65	0.42	1.0	0.95	1.7	1.9 B	11
12	1.1	1.3 B	18.4 E	3.7	3.9	1.2	0.57	0.42	1.1	1.0	1.6	1.6	12
13	1.1	1.2 B	6.4 B	3.6	3.7	0.96	0.51	0.42	0.58	1.1	2.0	3.0	13
14	1.0	1.2 B	4.7 B	3.6	2.3	0.97	0.5	0.39	0.46	0.93	2.3	1.9	14
15	1.0	1.1 B	3.6	3.5	2.6	0.92	0.53	0.36	0.47	1.1	3.5	1.2 B	15
16	1.0	1.1 B	100.0 E	3.0	5.3	0.85	0.48	0.44	0.48	1.3	4.2	0.958	16
17	1.1	1.1 B	55.5 E	2.7	7.0	0.78	0.46	0.53	0.47	1.3	3.1	0.928	17
18	1.2	1.1 B	36.2 E	2.6	3.6	0.76	0.44	0.43	0.37	1.5	4.4	0.988	18
19	1.2	1.1 B	15.8 E	2.5	3.5	1.2	0.47	0.44	0.48	4.3	1.0	8	19
20	1.4	1.1 B	15.8 E	2.4	14.1	0.85	0.47	0.79	0.49	2.1	2.8	1.1 B	20
21	1.5	1.1 B	16.2 E	2.3	5.7	0.79	0.4	0.46	0.51	1.3	2.2	1.2 B	21
22	1.5	1.1 B	11.5 E	2.3	3.8	2.2	0.38	1.8	0.56	1.2	6.0	1.2	22
23	1.6	1.2 B	11.4	2.2	2.9	1.3	0.34	2.5	0.57	1.3	4.6	4.0	23
24	1.5	1.3 B	5.6	3.0	2.2	1.1	0.38	1.0	0.81	1.2	3.5	4.8	24
25	1.5	1.3 B	5.4	2.6	1.8	1.2	0.41	0.72	0.55	1.3	2.3	2.1 B	25
26	1.5	1.5 B	7.5	2.5	1.7	5.2	0.34	0.59	0.49	1.2	1.8	0.728	26
27	1.4	1.5	13.0	2.1	1.5	2.2	0.36	0.59	0.5	1.1	3.5	0.488	27
28	1.4	1.5	11.9	1.8	1.5	3.1	0.38	0.46	0.5	1.1	6.1	0.688	28
29	1.4	1.0	10.8	1.7	5.4	2.0	0.33	0.43	0.51	1.1	16.9	0.918	29
30	5.1		7.3	1.9	5.3	1.6	0.33	0.43	0.85	1.1	4.1	1.0 B	30
31	6.9		6.8		3.4		0.36	0.42		1.0		1.1 B	31
TOTAL	52.8	250.2	523.2	140.3	104.7	46.88	18.38	19.83	22.67	37.05	98.7	85.94	TOTAL
MEAN	1.7	8.93	16.87	4.67	3.37	1.56	0.59	0.63	0.75	1.19	3.29	2.77	MEAN
AC-FT	104.72	496.27	1037.76	278.28	207.07	92.98	36.45	39.33	44.96	73.48	195.77	170.46	AC-FT
MAX	6.9	132.0	100.0	31.3	12.1	5.2	1.4	2.5	4.7	4.3	16.9	14.1	MAX
MIN	1.0	1.1	1.4	1.7	1.5	0.76	0.33	0.32	0.37	0.46	1.1	0.48	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 3.8 CFS

TOTAL DISCHARGE, 2770 AC-FT

MAXIMUM DAILY DISCHARGE, 132.0 CFS

MINIMUM DAILY DISCHARGE, 0.32 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,  
ABOUT 0.5 MILE EAST OF BOWMANVILLE.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 5.4 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

## SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.1	13.5 E	4.3	2.8	3.0	1.4	1.1	5.7	0.81	0.77	1.5	1.7	01
02	1.0	7.5	4.6 B	55.5	2.6	4.1	0.7	16.9	0.77	0.91	8.9	2.4	02
03	0.99	8.0	5.4 B	6.8	3.8	9.7	0.77	3.1	0.76	1.1	7.3	2.3	03
04	0.98	11.6 B	6.4 B	6.0	2.9	4.1	0.71	1.8	0.71	0.88	4.3	1.9	04
05	0.98	3.1 B	2.9 B	15.8	2.3	3.6	1.0	1.6	0.66	0.86	3.1	1.7	05
06	0.998	1.7 B	1.8 B	7.9	2.0	3.5	0.59	1.4	0.77	0.86	2.3	1.7 B	06
07	0.998	1.4 B	1.2 B	8.0	2.0	2.6	0.57	1.3	0.82	0.93	2.0	2.7	07
08	0.998	1.4 B	1.1 B	5.6	4.1	1.9	0.59	1.3	0.84	1.1	1.8	4.7	08
09	0.998	1.2 B	1.1 B	5.2	4.8	1.6	0.55	1.0	0.9	0.99	1.8	4.4	09
10	0.998	0.978	1.0 B	9.7	5.1	1.4	0.56	0.92	0.8	0.98	1.8	3.7	10
11	1.0 B	1.1 B	0.978	6.2	11.7	1.3	1.8	0.88	0.84	0.91	1.8	25.4	11
12	1.0 B	1.2 B	1.3 B	4.6	6.4	1.2	2.3	0.86	0.93	0.9	2.2	14.7	12
13	1.0 B	1.2 B	1.5	4.2	4.7	1.3	1.2	0.76	0.91	0.91	2.1	7.5	13
14	1.0 B	1.2 B	1.7	4.0	3.9	1.1	0.81	0.74	0.73	1.4	4.0	6.0	14
15	1.0 B	1.1 B	2.3	4.1	3.0	1.3	0.61	0.75	0.73	1.1	4.4	4.4	15
16	1.0 B	0.948	6.7	5.7	2.6	1.8	0.55	2.5	0.85	1.9	2.7	4.1	16
17	1.0 B	0.6 B	7.8	9.4	2.3	1.2	0.52	25.1	1.1	1.8	2.4	3.2	17
18	13.0 E	1.3 B	8.4	57.7	7.2	1.6	0.49	5.5	0.93	1.3	3.0	3.2	18
19	32.5 E	1.7	5.2	16.4	36.0	1.5	0.46	7.0	0.7 E	1.2	5.0	3.2	19
20	42.5 E	3.0	3.7	8.4	8.2	1.3	0.45	3.3	0.7 E	4.8	5.0	3.6	20
21	16.7 E	14.0 E	7.6	6.7	5.0	1.1	0.45	2.0	0.6 E	2.7	3.0	3.1	21
22	5.3 E	15.0	4.0	6.3	3.8	0.96	0.46	1.6	0.6 E	1.8	2.8	2.7	22
23	7.0 E	5.7	3.2	6.8	3.2	1.3	0.42	1.4	0.6 E	1.6	2.8	3.0 B	23
24	131.0 E	5.9	5.7	5.3	2.6	1.5	0.46	1.2	0.7 E	1.6	2.7	2.7 B	24
25	37.4 E	5.9	18.7	3.9	2.6	1.3	2.3	1.0	0.7 E	1.6	2.7	2.5 B	25
26	28.7 E	3.8	13.7	3.4	2.1	1.1	2.9	0.91	0.89	1.5	2.8	2.2 B	26
27	10.5 E	2.8 B	5.4	3.1	1.8	1.0	2.5	0.86	0.87	1.5	2.5	2.0 B	27
28	2.2 B	3.8 B	4.1	4.3	1.7	0.83	6.6	0.9	0.81	1.4	2.2	1.8 B	28
29	1.0 B	4.7	5.6	1.9	0.69	6.5	0.86	0.8	1.3	2.2	1.7	8.9	29
30	160.0 B	2.9	3.7	2.1	1.1	2.2	0.82	0.82	1.2	1.9 B	1.6	3.0	30
31	49.9 E		2.8		1.4		1.4	0.87		1.3		1.4 B	31
TOTAL	555.9	120.61	142.17	291.1	146.8	58.38	42.52	94.83	23.5	43.1	93.0	127.2	TOTAL
MEAN	17.93	4.3	4.58	9.7	4.73	1.94	1.37	3.05	0.78	1.39	3.1	4.1	MEAN
AC-FT	1102.62	239.22	281.99	577.39	291.17	115.79	84.33	188.09	46.61	85.48	184.46	252.3	AC-FT
MAX	160.0	15.0	18.7	57.7	36.0	9.7	6.6	25.1	1.1	4.8	8.9	25.4	MAX
MIN	0.98	0.6	0.97	2.8	1.4	0.69	0.42	0.74	0.6	0.77	1.5	1.4	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 4.8 CFS

TOTAL DISCHARGE, 3450 AC-FT

MAXIMUM DAILY DISCHARGE, 160.0 CFS

MINIMUM DAILY DISCHARGE, 0.42 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,  
ABOUT 0.5 MILE EAST OF BOWMANVILLE.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 5.4 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED CONCRETE CONTROL.



## SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.1 B	0.3 B	0.99	60.8 E	4.7	1.5	1.2	0.54	0.67	1.7			01
02	2.1 B	0.268	2.4 B	54.5 E	5.0	1.7	0.98	3.1	0.66	1.2			02
03	2.0 B	0.278	2.1 B	64.3 E	12.9	1.2	0.94	4.6	0.68	1.0			03
04	1.4 B	0.278	1.8 B	25.2 E	5.8	1.4	0.94	1.6	0.65	0.97			04
05	1.7 B	0.278	1.0 B	14.6	4.3	1.1	0.82	0.96	0.58	0.92			05
06	1.6 B	0.278	0.97	7.9	4.0	0.95	0.77	0.84	0.59	1.2			06
07	1.5 B	0.278	1.0 B	6.0 B	3.5	0.9	0.71	1.8	0.59	2.6			07
08	1.4 B	0.278	1.5 B	5.8 B	3.0	0.91	0.7	3.7	3.7	1.4			08
09	1.3 B	0.278	1.1	12.9 B	2.0	1.2	0.68	5.3	2.2	1.1			09
10	1.3 B	0.278	1.0	18.7 E	4.2	0.88	0.81	3.4	1.0	0.99			10
11	1.3 B	0.278	0.95	33.2 E	2.0	0.85	0.73	1.8	0.82	0.98			11
12	1.3 B	0.278	1.2	22.3 E	1.8	0.87	0.68	1.6	0.78	1.0			12
13	1.3 B	0.748	1.9	99.3 E	1.7	0.94	0.73	1.3	0.79	0.95			13
14	1.6 B	7.9 B	1.4	21.1 E	2.7	0.94	1.3	1.2	0.84	0.94			14
15	1.3 B	8.5 B	1.2	20.0 E	3.1	0.94	2.6	1.1	0.73	1.0			15
16	1.2 B	10.9 B	1.6	17.8 E	2.9	0.83	6.3	0.99	0.69	1.0			16
17	1.2 B	8.0 B	9.1 E	29.2 E	3.2	0.79	1.8	1.1	0.66	1.0			17
18	1.3 B	4.6 B	41.5 E	13.0	2.6	0.75	1.1	1.1	0.61	0.96			18
19	5.2 B	2.2 B	35.2 E	11.3	2.1	0.76	1.2	0.91	0.65				19
20	1.4 B	1.0 B	19.8 E	13.7	1.9	0.75	1.0	0.83	0.58				20
21	1.1 B	1.0 B	8.6	7.7	1.7	0.99	0.86	0.78	0.6				21
22	1.1 B	0.988	173.0 E	14.3	1.4	2.4	0.78	0.78	0.6				22
23	8.2 B	0.978	52.2 E	14.9	1.2	3.1	2.4	1.6	0.6				23
24	1.7 B	0.908	20.3 E	7.9	1.2	4.1	1.2	1.9	0.93				24
25	1.2 B	0.958	11.4 E	5.7	1.1	2.1	1.0	1.1	0.92				25
26	1.1 B	0.958	5.5 B	4.6	1.0	1.6	0.88	0.93	1.1				26
27	1.1 B	0.94	4.6 B	4.0	1.0	1.5	0.77	1.1	1.1				27
28	1.1 B	0.93	6.6 B	3.5	0.96	1.2	0.68	0.99	0.85				28
29	1.0 B	0.93	21.2 E	3.1	0.94	1.1	0.61	0.76	0.89				29
30		0.998	83.9 E	2.9	1.2	1.4	0.58	0.69	2.8				30
31	0.818		91.8 E		1.6		0.56	0.66					46.1
TOTAL	53.4	55.71	612.11	620.2	86.3	39.65	36.31	49.06	28.86				TOTAL
MEAN	1.72	1.92	19.74	20.67	2.78	1.32	1.17	1.58	0.96				MEAN
AC-FT	105.91	110.5	1214.12	1230.16	171.17	78.64	72.02	97.31	57.24				AC-FT
MAX	8.2	10.9	173.0	99.3	15.9	4.1	6.3	5.3	3.7				MAX
MIN	0.81	0.26	0.95	2.9	0.94	0.75	0.56	0.54	0.58				MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 173 CFS  
MINIMUM DAILY DISCHARGE, 0.26 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,  
ABOUT 0.5 MILE EAST OF BOWMANVILLE.

B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

## SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	38.6	2.4 B	1.1	117.0 E	3.0	4.8	1.2	1.3	0.51	0.48	4.2		01
02	10.2	147.0 E	3.4	34.8 E	3.8	3.1	1.1	0.9	0.56	0.6	2.5	1.5	02
03	6.4	54.1 E	61.4 E	44.7 E	0.5	2.3	0.96	0.74	0.72	0.93	2.9	1.8	03
04	16.5	4.3	126.0 E	22.6 E	4.2	2.1	0.91	0.62	0.51	0.81	1.7	1.9	04
05	10.6	2.6 B	6.5	21.3	3.4	2.7	0.95	0.55	0.46	1.1	1.3	2.7	05
06	5.9 B	3.0 B	20.7	10.0	2.5	2.1	0.82	0.54	0.47	0.85	1.2	2.5	06
07	4.8 B	2.7	41.3 E	7.3	2.1	2.9	0.77	0.54	0.39	0.73	1.2	2.1	07
08	3.0 B	2.1	10.5 E	5.7	3.0	1.9	0.71	0.56	0.37	0.67E	1.1	1.7	08
09	2.8 B	1.9 B	6.8	4.7	9.1	1.4	0.66	0.54	0.38	0.64E	1.0 B	1.9	09
10	2.3 B	2.1 B	9.1	4.5	5.4	1.1	0.66	0.57	0.38	0.62E	0.83B	2.4	10
11	1.7 B	1.7 B	79.1 E	4.4	11.6	1.0	0.66	0.58	0.35	0.64	1.0	2.3	11
12	1.5 B	1.8 B	22.1 E	3.7	6.1	1.1	0.67	0.58	0.32	0.65	1.1	1.9	12
13	1.6	1.8 B	10.2	3.2	4.2	0.99	0.73	0.51	0.38	0.75	1.1	1.7	13
14	1.8	1.4	11.7	2.9	3.4	0.89	0.77	0.56	0.4	1.2	1.1	2.0	14
15	1.9	1.4	11.7	2.8	3.2	0.94	0.74	0.49	0.39	0.85	3.0	1.9 B	15
16	1.9	1.2	11.8	2.8	3.0	0.99	0.72	0.41	0.33	0.74	4.3	1.2 B	16
17	2.7	1.1 B	88.7 E	2.9	3.2	1.0	0.65	0.38	0.36	0.78	2.1	1.1 B	17
18	10.6 E	1.1 B	10.8 E	2.7	2.6	1.2	0.61	1.5	0.84	0.81	1.9	1.1 B	18
19	40.5 E	1.2 B	5.7 B	2.7	2.2	1.1	0.58	1.1	0.79	0.91	2.0	1.1 B	19
20	9.6 E	1.2	5.2 B	2.7	2.0	1.0	0.6	0.81	0.63	1.3	1.6	1.1 B	20
21	3.0	1.2	4.9 B	2.3	2.1	0.94	0.65	0.55	0.96	1.6		1.1 B	21
22	37.7 E	1.2	4.6	2.7	1.7	0.91	0.54	0.6	0.82	2.5		0.84	22
23	21.0 E	1.2	5.8	3.2	1.5	0.86	0.51	0.55	0.9 E	1.8		0.72	23
24	5.3	1.2	6.3	2.6	1.5	1.1	0.48	0.56	0.96	0.9		0.74	24
25	4.3	1.1	6.9	2.2	1.5	1.0	0.57	0.53	0.89	2.9 E		2.1	25
26	3.7	1.1	6.4	1.9	0.94	0.76	0.52	0.58	0.84	1.9		5.0	26
27	3.3 B	1.0	5.0	1.9	0.92	0.78	0.91	0.57	0.82	1.8		1.00	27
28	3.0 B	1.0	4.7	6.0	3.1	3.9	0.83	0.66	0.58	0.9		4.0	28
29	2.2 B	5.8	4.7	5.0	4.7	1.0	0.49	0.58	2.5	4.2		5.8	29
30	2.4 B	13.6	3.0	3.2	1.7	0.69	0.47	0.51	3.5	2.6		4.7 B	30
31	2.4 B		15.3		7.1		0.66	0.56		2.8		3.5	31
TOTAL	276.6	245.1	635.1	333.9	119.0	51.58	22.94	20.28	16.28	31.88	62.23	82.3	TOTAL
MEAN	8.92	8.75	20.48	11.13	3.86	1.71	0.74	0.65	0.54	1.02	2.07	2.05	MEAN
AC-FT	546.63	486.15	1259.72	662.29	237.02	102.3	45.5	40.22	32.29	63.23	123.43	105.24	AC-FT
MAX	46.5	147.0	126.0	117.0	11.0	4.8	1.2	1.5	0.96	3.5	4.3	12.8	MAX
MIN	1.5	1.0	1.1	1.9	1.5	0.86	0.48	0.38	0.32	0.48	0.83	0.72	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 5.2 CFS  
TOTAL DISCHARGE, 3760 AC-FT  
MAXIMUM DAILY DISCHARGE, 147 CFS  
MINIMUM DAILY DISCHARGE, 0.32 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,  
ABOUT 0.5 MILE EAST OF BOWMANVILLE.

B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.6 B	6.6 B	18.0	9.4	3.4	2.0	2.2	0.97	0.69	1.1	0.98	1.6 B	01
02	2.4 B	5.7 B	3.8	88.0	2.4	1.8	0.93	0.67	1.1	0.91	2.7	02	
03	2.2 B	2.7 B	3.3	9.5	2.4	1.7	142.0	0.89	1.1	1.1	0.91	3.5	03
04	2.1 B	2.5 B	41.6	160.0	2.3	1.6	10.0	2.8	0.89	1.1	1.2	2.0	04
05	2.0 B	2.4 B	186.0	17.0	2.1	1.5	4.3	1.5	0.73	1.1	1.1	1.5	05
06	2.0 B	2.3 B	9.7	8.1	3.4	1.4	2.7	0.99	0.68	1.1	1.1	1.5	06
07	2.0 B	2.1 B	9.8	7.4	2.6	1.3	2.1	0.83	0.65	1.3	0.95	1.7	07
08	1.8 B	1.7 B	4.8 B	6.9 B	2.4	1.3	1.7	0.78	0.65	1.0	0.9	7.1	08
09	1.7 B	1.5 B	3.7 B	5.0 B	4.8	1.2	1.4	0.76	0.67	1.0	0.89	4.4 B	09
10	1.6 B	1.0	3.0 B	4.5 B	4.4	1.2	2.3	0.73	0.81	0.99	0.9	2.6 B	10
11	1.4 B	1.2	2.8 B	4.0	3.1	1.2	1.3	0.72	0.74	0.92	0.92	2.1	11
12	1.3 B	1.1	2.6 B	5.3	6.4	1.2	1.1	0.81	0.85	0.96	1.8	4.1	12
13	1.1 B	1.2 B	2.5 B	8.4	21.8	1.1	0.99	0.85	0.88	0.95	2.0	3.5	13
14	1.1	1.2 B	2.4 B	25.8	8.5	1.0	1.0	0.7	0.74	2.3	2.0	2.8	14
15	1.3	1.1 B	2.3 B	23.2	8.5	2.3	1.6	0.65	0.71	1.6	1.4	2.4 B	15
16	1.3	0.998	2.2 B	7.9	6.3	3.7	0.98	0.64	0.75	1.1	1.1	4.1	16
17	1.1	1.1	2.2 B	5.6	38.2	1.7	0.9	0.68	0.74	1.0	1.2	5.4	17
18	1.0 B	0.93	2.2 B	4.6	8.5	2.3	0.93	0.67	0.76	0.93	1.2	3.5	18
19	1.0 B	1.1	2.1 B	3.8	5.0	8.2	0.87	0.62	0.74	0.89	1.1	2.7	19
20	1.1 B	1.4	2.1 B	3.4	4.0	12.4	0.76	0.59	0.73	0.87	5.0	2.5 B	20
21	7.3 B	5.0	2.1 B	3.3	3.4	4.2	0.72	0.58	0.7	0.84	8.3	2.3	21
22	9.6 B	171.0	2.0 B	8.2	3.1	2.5	0.71	0.55	0.73	0.9	3.0	2.2	22
23	10.6	19.0 B	2.0 B	11.1	2.7	1.8	0.72	0.58	0.73	0.97	2.2	2.3	23
24	8.7	6.2 B	2.0 B	6.5	2.5	1.6	1.2	0.64	0.75	0.95	2.8	2.8	24
25	6.0	1.8 B	2.0 B	4.5	2.9	1.6	1.2	0.55	0.98	1.1	2.3	2.0	25
26	7.3	1.5 B	2.0 B	3.7	2.6	1.6	1.4	0.56	1.0	1.1	1.8 B	2.5 B	26
27	297.0	1.6	2.0 B	3.2	2.6	1.2	1.4	3.0	0.9	0.99	1.6 B	2.2	27
28	26.1	19.7	2.0 B	2.9	2.6	1.1	1.0	1.1	1.6	0.89	1.4 B	2.3	28
29	12.3		2.0 B	3.1	3.6	3.0	1.5	0.83	3.3	0.83	1.4 B	2.4	29
30	12.1		11.1	3.1	2.7	2.9	2.1	0.77	1.5	1.1	1.5 B	3.1	30
31	11.6		44.4		2.3		1.1	0.74		1.1		2.8 B	31
TOTAL	440.7	265.62	380.7	457.4	228.5	71.6	193.98	28.01	27.37	33.18	53.86	89.6	TOTAL
MEAN	14.21	9.48	12.28	15.24	7.37	2.38	6.25	0.9	0.91	1.07	1.79	2.89	MEAN
AC-FT	874.12	526.85	755.11	907.25	453.22	142.01	384.75	55.55	54.28	65.81	106.83	177.72	AC-FT
MAX	257.0	171.0	186.0	160.0	0.14	12.4	142.0	3.0	3.3	2.3	8.3	7.1	MAX
MIN	1.0	0.93	2.0	2.9	2.1	1.0	0.71	0.55	0.65	0.83	0.89	1.5	MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 6.2 CFS

TOTAL DISCHARGE, 4500 AC-FT

MAXIMUM DAILY DISCHARGE, 297 CFS

MINIMUM DAILY DISCHARGE, 0.55 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,  
ABOUT 0.5 MILE EAST OF BOWMANVILLE.B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

## SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.4	1.3 B	2.4 B	2.8	2.7	2.8	0.49	0.44	1.0	0.85	1.3	4.5	01
02	2.1 B	1.2 B	2.1 B	2.8 B	2.6	1.6	0.49	0.43	0.87	1.1	1.4	1.5 B	02
03	2.1 B	1.1 B	1.9 B	2.8 B	2.5	1.2	0.59	0.67	0.63	0.89	1.1	1.2 B	03
04	2.3	1.1 B	1.6 B	2.7 B	4.0	1.1	0.76	0.6	0.61	0.87	1.1	1.0 B	04
05	2.0 B	1.0 B	1.4 B	2.6 B	7.5	1.3	0.42	0.3	0.57	0.85	0.9	1.1 B	05
06	1.8 B	0.998	1.4 B	2.6 B	3.8	2.0	0.31	0.37	0.65	0.81	0.86	4.4	06
07	2.3	0.968	1.4 B	4.0	3.4	1.3	0.33	0.42	0.54	0.78	0.88	3.3 B	07
08	3.3	0.938	1.4 B	7.6 B	4.2	1.1	0.43	0.37	0.56	0.82	0.96	1.5 B	08
09	4.9 B	0.9 B	1.3 B	8.2	2.0	0.99	0.51	0.33	0.45	0.83	0.88	1.2 B	09
10	10.0	0.9 B	1.3 B	6.6 B	1.4	0.9	0.47	0.33	0.5	0.87	3.2	1.0 B	10
11	10.1	0.888	1.3 B	5.6 B	1.8	0.87	1.5	0.76	0.71	0.94	2.4	1.0 B	11
12	6.2 B	0.888	6.3 B	5.1 B	1.9	2.8	0.72	0.62	3.1	0.96	1.3	1.0 B	12
13	3.3 B	0.876	8.7 B	4.7	2.0	1.6	0.6	0.51	1.0	1.1	1.1	1.0 B	13
14	2.1 B	0.868	2.6 B	4.9	1.6	1.2	0.6	0.49	0.93	1.3	0.98	1.4	14
15	1.9 B	0.858	4.9 B	5.3	1.0	1.1	0.5	0.37	0.77	1.0	0.9	12.4	15
16	1.9 B	0.88	11.6 B	5.7	2.0	1.8	0.46	0.46	0.78	0.95	0.95	4.0 B	16
17	1.8 B	1.4	6.9 B	5.9	1.6	2.4	0.45	0.45	0.81	0.9	0.93	2.0 B	17
18	1.8 B	53.0	4.8 B	7.5	1.4	0.93	0.41	0.38	0.98	1.5	0.92	1.2 B	18
19	1.7 B	9.2	126.0	184.0	1.3	1.7	0.77	0.31	4.4	1.1	0.91	1.1 B	19
20	1.5 B	3.9	24.5	14.5	1.3	1.6	1.0	0.31	2.2	1.1	0.9	1.1 B	20
21	1.2 B	14.4	5.8 B	7.5	1.5	1.0	0.37	1.7	1.1	1.1	1.1	1.0 B	21
22	1.4 B	79.8	61.3	5.5	1.3	0.91	0.72	0.49	1.0	0.99	0.91	0.97 B	22
23	1.2 B	416.0	10.1	4.9	1.1	0.81	0.57	0.34	0.94	0.95	0.88	0.92 B	23
24	1.3	463.0	45.2	12.3	1.0	0.74	0.66	1.2	0.96	0.78	0.87	0.9 B	24
25	7.1	20.3	28.1	6.6	0.92	0.62	0.59	0.92	0.94	0.9	0.86	0.88 B	25
26	14.9 B	4.1 B	9.7 B	4.8	1.0	0.59	0.48	0.74	0.92	0.91	0.89	0.9 B	26
27	2.5 B	3.1 B	5.8 B	3.9	1.1	0.57	0.79	0.69	0.87	1.9	0.96 B	26	
28	1.9 B	2.7 B	3.9 B	3.4	0.85	0.62	2.4	0.49	0.86	0.87	1.9	0.95	27
29	11.9		5.3	3.0	0.81	0.54	0.71	0.59	0.8	1.0	1.2	1.4	30
30	4.6 B		3.6	2.7	3.1	0.46	0.56	1.1	0.78	0.84	1.4	1.8	31
31	2.0 B		3.1 B	8	4.1		0.48	0.77		0.76		2.0 B	31
TOTAL	159.7	1086.5	395.7	340.5	67.38	37.15	21.27	16.63	31.83	29.51	36.38	61.63	TOTAL
MEAN	5.15	38.8	12.76	11.35	2.17	1.23	0.68	0.53	1.06	0.95	1.21	1.98	MEAN
AC-FT	316.76	2155.07	784.87	675.38	155.64	73.68	42.18	32.98	63.13	58.53	72.15	122.24	AC-FT
MAX	49.3	463.0	126.0	184.0	7.5	2.8	2.4	1.2	4.4	1.5	3.2	12.4	MAX
MIN	1.2	0.85	1.3	2.6	0.81	0.46	0.31	0.3	0.45	0.76	0.86	0.88	MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 6.3 CFS

TOTAL DISCHARGE, 4530 AC-FT

MAXIMUM DAILY DISCHARGE, 463 CFS

MINIMUM DAILY DISCHARGE, 0.30 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,  
ABOUT 0.5 MILE EAST OF BOWMANVILLE.B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

## SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.3 B	1.7 B	8.3	44.1	4.7	4.7	5.0	4.3	1.1	0.88	1.3	0.778	01
02	1.4 B	1.5 B	5.9 B	13.8	2.6	3.3	3.6	1.5	1.0	0.86	1.1	0.768	02
03	1.1 B	1.3 B	10.1 B	8.7	4.0	2.3	3.3	1.0	0.8	0.82	1.3	0.768	03
04	1.0 B	1.2 B	12.2	6.3	2.7	1.9	4.0	0.89	0.9	0.78	1.2	0.768	04
05	0.938	1.1 B	30.9	4.6	2.4	1.6	2.3	0.86	0.83	0.8	1.2	0.758	05
06	0.918	1.0 B	33.0	4.0	4.3	1.4	1.7	0.84	0.68	0.86	1.2	0.758	06
07	0.928	1.0 B	9.9 B	3.4	38.8	1.4	1.4	0.75	0.63	2.0	1.1	0.758	07
08	0.9 B	1.0 B	6.5 B	2.9	11.6	1.2	1.3	0.86	0.61	1.2	1.0	0.758	08
09	0.928	0.998	5.6 B	2.6	6.0	1.1	1.1	1.0	0.61	1.5	1.0	0.758	09
10	0.948	1.0 B	4.9 B	2.6	4.4	1.0	0.98	0.91	0.97	2.2	1.2	0.758	10
11	0.938	1.1 B	4.7 B	2.3	6.0	1.0	1.4	0.73	0.87	1.3	1.2	0.748	11
12	0.938	1.2 B	4.5 B	2.0	8.4	0.93	3.5	0.79	0.82	1.2	1.1	0.748	12
13	0.948	1.2 B	28.5 B	2.2	4.4	0.93	1.6	1.3	0.72	1.1	1.1	0.748	13
14	0.968	1.3 B	12.4 B	2.0	4.0	1.7	1.1	2.5	0.66	1.1	1.1	0.748	14
15	0.948	11.4	5.8 B	3.4	4.1	1.1	1.0	2.2	0.66	1.1	1.1	0.748	15
16	0.958	65.8	4.3 B	10.9	28.1	1.3	0.98	1.2	0.68	1.0	1.0	0.738	16
17	0.968	45.0	3.4 B	4.7	132.0	1.4	0.94	0.89	0.81	1.0	1.1	0.738	17
18	0.958	63.5	3.3 B	3.4	17.4	1.1	0.86	0.76	1.1	1.0	1.1	0.738	18
19	0.948	191.0	44.8 B	2.7	15.4	1.2	0.82	0.71	0.89	1.1	1.1	0.738	19
20	0.948	22.8	214.0	2.3	13.6	1.3	0.81	0.7	1.2	1.5	1.0	1.6 B	20
21	0.958	17.1	202.0	2.1	6.5	1.1	2.9	0.7	1.3	2.6	0.87	0.728	21
22	0.958	193.0	6.4 B	3.3	4.6	4.8	1.2	0.66	1.1	1.7	0.92	0.728	22
23	0.948	114.8	11.5 B	4.2	3.7	1.8	0.95	0.62	1.4	1.6	0.95	0.728	23
24	0.938	6.5 B	13.1	2.8	3.2	1.3	1.1	0.55	1.1	1.5	0.92	0.728	24
25	0.948	41.3 B	22.1	15.6	2.9	4.2	0.85	0.58	0.94	1.7	0.95	0.718	25
26	3.1 B	37.7	11.7	17.4	2.6	2.2	0.77	0.58	0.97	1.5	1.6	0.718	26
27	8.5 B	24.1	21.4	7.2	2.4	1.8	0.93	0.68	1.5	1.2	3.9	0.718	27
28	5.2 B	13.1	17.7	4.8	2.1	1.2	0.85	0.8	1.1	1.2	2.2	0.7 B	28
29	3.6 B	10.5	8.5	3.6	1.8	1.2	1.5	1.1	0.91	1.3	1.2 B	0.7 B	29
30	2.6 B	7.4	2.9	1.9	3.3	2.2	0.75	0.88	1.2	0.858	0.7	0.7 B	30
31	2.0 B		46.4		4.9		2.1	0.68		1.3		0.7 B	31
TOTAL	50.47	770.79	821.2	192.8	349.5	54.76	53.04	32.39	27.74	40.1	36.86	23.58	TOTAL
MEAN	1.62	26.57	26.49	6.42	11.27	1.82	1.71	1.04	0.92	1.29	1.22	0.76	MEAN
AC-FT	100.1	1528.86	1628.85	382.41	693.23	108.61	105.2	64.24	55.02	79.53	73.11	45.77	AC-FT
MAX	8.5	193.0	214.0	44.1	152.0	4.8	5.0	4.3	1.5	2.6	3.9	1.6	MAX
MIN	0.9	0.99	3.3	2.0	1.8	0.93	0.77	0.55	0.61	0.78	0.85	0.7	MIN

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 6.7 CFS

TOTAL DISCHARGE, 4870 AC-FT

MAXIMUM DAILY DISCHARGE, 214 CFS

MINIMUM DAILY DISCHARGE, 0.55 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,  
ABOUT 0.5 MILE EAST OF BOWMANVILLE.B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

## SOPER CREEK TRIBUTARY NEAR BOWMANVILLE - STATION NO. 02HD224

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.7 B	0.6 B	88.0	4.0	2.2	1.8	0.94	0.67	0.46	8.3	1.4	83.8	01
02	0.7 B	0.6 B	66.4	4.5	2.3	1.1	0.77	0.28	3.2	8.8	1.5	21.6	02
03	0.658	0.6 B	89.4	19.2	2.0	0.86	0.74	0.23	2.1	4.2	1.5	8.9	03
04	0.658	0.6 B	257.0	5.9	1.8	0.71	0.74	0.43	0.73	2.7	1.6	5.9 B	04
05	0.658	0.6 B	293.0	15.8	1.9	0.68	0.69	0.58	0.6	2.2	1.5	4.4 B	05
06	0.6 B	0.6 B	92.8	5.8	1.8	0.59	1.5	0.91	0.49	2.1	1.5	3.4 B	06
07	0.6 B	0.6 B	65.1	3.7	1.4	0.59	1.7	0.49	0.43	1.7	4.6	2.8 B	07
08	0.6 B	0.6 B	102.0	4.3	1.5	0.55	1.5	0.3	0.41	5.7	28.9	2.7 B	08
09	0.6 B	0.6 B	132.0	3.3	1.9	0.51	0.79	0.32	0.37	20.8	7.6	2.7 B	09
10	0.6 B	0.6 B	56.8	3.3	1.4	0.51	0.47	0.77	0.4	8.0	23.6	2.8 B	10
11	0.6 B	0.6 B	26.5	3.3	1.1	0.44	0.4	3.8	0.34	4.5	20.3	2.8 B	11
12	0.6 B	0.6 B	18.6	3.1	1.1	0.4	0.59	0.68	0.34	3.6	6.8	2.9 B	12
13	0.6 B	10.0 B	202.0	2.9	1.0	0.47	0.55	0.35	0.74	2.9	4.7	2.9 B	13
14	0.6 B	0.858	15.5	2.5	0.95	0.55	0.33	0.48	1.4	2.7	3.8	16.6	14
15	0.6 B	0.5 B	8.9	2.2	0.92	0.6	0.35	0.33	0.72	2.5	3.9	19.4	15
16	0.6 B	0.5 B	7.1	2.0	0.9	0.59	0.4	0.77	1.5	2.5	9.2	14.3 B	16
17	0.6 B	0.5 B	4.4	1.8	0.92	0.91	0.33	5.6	3.6	2.2	48.1	11.2 B	17
18	0.6 B	0.5 B	2.6	1.7	1.1	2.1	0.32	0.81	1.5	2.0	15.1	9.4 B	18
19	0.6 B	0.5 B	3.5	1.7	0.96	1.8	0.31	0.64	1.2	2.0	8.9	8.4 B	19
20	0.6 B	0.5 B	2.9	1.7	0.85	1.1	0.29	0.48	2.3	2.0	6.4	8.3	20
21	0.6 B	0.5 B	3.5	1.8	0.77	1.5	0.27	0.48	2.5	1.7	6.3	15.7	21
22	0.6 B	0.5 B	3.4	3.9	0.72	0.76	0.25	1.2	1.6	1.7	5.0	13.8	22
23	0.6 B	0.5 B	3.6	14.0	0.69	0.64	0.23	0.62	1.2	1.5	5.7	9.9 B	23
24	0.6 B	12.3	4.4	17.0	0.72	0.59	0.24	0.7	1.1	1.5	10.6	8.4 B	24
25	0.6 B	75.7	6.2	13.7	0.77	2.1	0.27	0.55	10.9	1.8	6.6	28.6	25
26	0.6 B	80.3	6.0	7.4	0.58	1.1	0.2	0.33	8.7	1.6	12.5	13.1 B	26
27	0.6 B	92.5	3.8	4.8	0.53	0.7	0.2	0.32	5.8	1.5	4.9	7.0 B	27
28	0.6 B	113.0	4.8	3.6	0.49	0.59	0.21	0.32	3.2	1.5	4.0 B	4.8 B	28
29	0.6 B	8.3	2.7	0.57	1.1	0.23	0.3	2.5	1.4	2.0	3.8 B	4.2 B	29
30	0.6 B	6.7	2.5	0.55	1.2	0.28	0.3	2.2	1.4	4.1	3.9 B	3.9 B	30
31	0.6 B		6.4		0.5		0.27	0.29		1.4		3.6 B	31
TOTAL	18.95	396.35	1591.6	164.1	34.89	27.14	16.36	24.13	62.53	108.4	264.4	348.2	TOTAL
MEAN	0.61	14.15	51.34	5.47	1.12	0.9	0.52	0.77	2.08	3.49	8.81	11.23	MEAN
AC-FT	37.58	786.16	3156.93	325.49	69.2	53.83	32.45	47.86	124.02	215.01	524.43	690.65	AC-FT
MAX	0.7	113.0	293.0	19.2	2.3	2.1	1.7	5.6	10.9	48.1	83.8	83.8	MAX
MIN	0.6	0.5	2.6	1.7	0.49	0.4	0.2	0.23	0.34	1.4	1.4	2.7	MIN

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 8.4 CFS

TOTAL DISCHARGE, 6060 AC-FT

MAXIMUM DAILY DISCHARGE, 293 CFS

MINIMUM DAILY DISCHARGE, 0.20 CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,  
ABOUT 0.5 MILE EAST OF BOWMANVILLE.B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 5.4 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL.

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.3 B	3.0 B	1.6 B	169.0	2.6	1.3							01
02	2.9 B	2.8 B	1.5 B	28.5	2.5	1.3							02
03	2.6 B	2.6 B	1.6 B	13.2	2.3	1.2							03
04	2.7 B	2.5 B	1.6 B	11.2	2.2	1.1							04
05	2.7 B	2.4 B	1.6 B	15.9	2.3	1.1							05
06	2.6 B	2.3 B	1.6 B	13.7	3.0	1.1							06
07	2.6 B	2.3 B	1.6 B	102.0	3.3	1.1							07
08	15.0 B	2.2 B	1.6 B	19.6	2.8	1.6							08
09	36.4 B	2.1 B	1.6 B	11.0	8.5	1.4							09
10	9.4 B	2.1 B	1.6 B	9.6	4.5	1.2							10
11	5.2 B	2.0 B	1.6 B	24.5	3.4	1.0							11
12	4.3 B	2.0 B	1.6 B	23.8	3.4	1.0							12
13	3.9 B	2.0 B	1.6 B	14.5	6.2	1.3							13
14	3.8 B	2.0 B	23.1	10.1	19.7	1.2							14
15	3.6 B	1.9 B	49.7	7.5	22.9	1.0							15
16	3.4 B	1.8 B	17.9	6.6	9.3								16
17	3.2 B	1.8 B	12.0	6.0	6.9								17
18	3.1 B	1.8 B	8.9	5.4	5.7								18
19	3.0 B	1.8 B	10.6	6.8	5.9								19
20	2.8 B	2.1 B	14.3	27.6	5.0								20
21	2.7 B	1.9 B	142.0	30.8	8.3								21
22	2.5 B	1.9 B	158.0	10.4	4.4								22
23	2.4 B	1.8 B	211.0	7.2	3.3								23
24	2.3 B	1.7 B	69.7	5.9	2.8								24
25	2.4 B	1.7 B	21.4	4.8	2.4								25
26	9.1 B	1.7 B	11.1	4.2	2.1								26
27	7.6 B	1.6 B	10.9	3.8	1.9								27
28	5.7 B	1.6 B	16.7	3.4	1.7								28
29	4.6 B		59.3	3.0	1.5								29
30	4.0 B		86.9	2.7	1.2								30
31	3.4 B		90.0		1.4								31
TOTAL	163.2	57.4	1034.2	602.7	151.4								TOTAL
MEAN	5.26	2.05	33.36	20.09	4.88								MEAN
AC-FT	323.7	113.85	2051.33	1195.45	300.3								AC-FT
MAX	36.4	3.0	211.0	169.0	22.9								MAX
MIN	2.3	1.6	1.5	2.7	1.2								MIN

## SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, CFS  
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON DARLINGTON TWP. SIDE ROAD 6-7,  
ABOUT 0.5 MILE EAST OF BOWMANVILLE.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 5.4 SQUARE MILES.  
REMARKS: BROAD-CRESTED CONCRETE CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED

NATURAL FLOW

STATION DISCONTINUED JUNE 1978.

## WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				3.9	3.6	4.6	4.2	4.8 E	4.0	4.0	3.7	3.7	01
02				3.7	3.6	4.3	4.4	4.4 E	3.8	5.6	3.7	3.7	02
03				3.7	3.6	4.3	4.5	4.2 E	3.7	4.4	3.8	3.8	03
04				3.6	3.6	3.9	4.6	4.1 E	3.7	4.2	3.8	3.8	04
05				3.6	3.6	3.8	4.3	3.8 E	3.7	4.0	3.8	3.8	05
06				3.7	3.6	3.7	4.1	3.4	3.7	4.0	3.8	3.8	06
07				3.6	3.5	3.7	4.3	3.4	3.8	3.9	3.9	3.9	07
08				3.7	4.0	3.8	4.4	3.5	3.8	3.9	4.0	3.8	08
09				4.6	3.7	3.8	4.9	3.5	3.9	4.0	3.8	3.8	09
10				3.9	5.6	3.8	4.7	3.5	3.8	4.0	3.7	3.7	10
11				3.7	4.2	3.8	4.4	3.5	3.8	4.3	3.8	3.8	11
12				3.7	3.8	4.0	4.2	3.5	3.8	5.8	4.7	4.7	12
13				3.6	3.8	3.9	4.3	3.5	3.8	4.4	4.1	4.1	13
14				4.5	4.4	3.8	4.3	3.5	3.9	4.4	3.9	3.9	14
15				5.0	4.1	4.0	3.9	4.3	3.5	3.9	4.2	3.9	15
16				4.3	4.0	3.8	3.9	4.3	3.5	4.8	4.2	3.8	16
17				4.3	3.8	4.1	4.0	4.2	3.5	5.6	4.1	4.1	17
18				4.3	4.3	3.8	3.9	4.3	3.5	6.6	4.3	4.4	18
19				3.9	3.9	3.6	3.9	4.3	3.5	6.6	4.1	4.1	19
20				3.9 E	3.7	3.6	3.9	4.7	3.6	4.5	4.1	4.0	20
21				4.0 E	3.7	3.8	4.5	4.1	4.1	4.3	4.1	4.6	21
22				4.7 E	3.8	5.5	3.9	4.3	4.0	4.5	4.3	4.7	22
23				3.9 E	3.7	3.8	4.2	4.3	3.8	4.0	4.2	4.1	23
24				4.1 E	3.7	3.8	4.2	4.3	3.8	4.0	4.1	4.1	24
25				4.1 E	4.3	4.4	4.2	4.3	3.7	4.4	4.1	4.0	25
26				4.0 E	4.1	3.9	4.1	4.4	3.7	4.2	4.2	4.0	26
27				3.9 E	3.7	4.6	4.5	4.5 E	3.8	4.1	3.9	3.9	27
28				5.3	3.9	3.7	4.5	4.5 E	5.7	4.3	3.9	3.8	28
29				4.4	3.9	4.1	4.2	4.4 E	4.8	4.0	3.9	3.8	29
30				4.0	3.7	4.1	4.2	4.8 E	4.0	3.9	3.8	3.8	30
31					3.6		4.3	5.0 E		4.0		3.8	31
TOTAL				119.5	117.7	125.0	137.0	115.1	128.6	127.8	120.1		TOTAL
MEAN				3.85	3.92	4.03	4.41	3.83	4.14	4.26	4.06		MEAN
AC-FT				237.02	233.45	247.93	271.73	228.3	255.07	253.49	250.11		AC-FT
MAX				4.6	5.6	4.6	5.0	5.7	6.6	5.8	6.6		MAX
MIN				3.6	3.5	3.7	4.1	3.4	3.7	3.8	3.7		MIN

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 6.6 CFS  
MINIMUM DAILY DISCHARGE, 3.4 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,  
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 4.2 SQUARE MILES.  
REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.6	4.9	3.7	5.0	3.9	4.0	3.7	3.7	3.7	3.9	4.3	4.0	01
02	3.8	8.1	3.7	4.7	3.8	4.0	3.7	3.5	3.9	4.3	4.5	02	
03	3.8	5.8	3.7	4.7	3.9	4.0	3.7	3.5	3.0	4.3	4.5	03	
04	3.8	4.8	3.7	6.2	3.8	3.9	3.7	3.5	3.7	4.1	4.3	5.4	04
05	3.8	4.4	3.7	4.8	3.7	3.9	3.7	3.4	4.1	4.0	4.3	4.9	05
06	3.8	4.2	3.7	4.3	3.7	3.9	3.7	4.0	6.8	4.0	4.4	4.5	06
07	3.8	4.0	3.7	4.2	3.6	3.8	3.6	3.7	3.9	4.2	4.7	4.4	07
08	3.9	3.9	3.7	4.1	3.6	3.8	3.6	4.1	3.8	4.0	4.6	4.3	08
09	3.7	3.8	3.9	4.0	4.1	3.8	3.7	4.0	3.7	4.0	4.5	4.1	09
10	3.7	3.8	4.0	4.0	4.0	3.8	3.7	3.6	3.8	4.0	4.6	4.1	10
11	3.7	3.7	4.1	3.9	3.7	3.8	3.7	3.6	4.0	4.0	4.4	4.1	11
12	3.7	3.7	4.3	3.9	4.1	3.9	3.6	3.5	3.9	4.0	4.4	4.1	12
13	3.7	3.7	4.2	3.9	3.9	3.8	3.6	3.5	3.7	4.0	4.4	4.7	13
14	3.8	3.7	3.9	3.9	3.7	3.8	3.6	3.5	3.7	4.0	4.3	4.4	14
15	4.0	3.7	3.9	3.9	3.8	3.7	3.7	3.5	3.7	3.9	4.7	4.1	15
16	3.9	3.7	4.8	3.8	4.5	3.7	3.7	3.5	3.7	4.0	4.5	4.0	16
17	3.9	3.7	9.2	3.8	4.2	3.7	3.7	3.8	3.7	4.0	4.4	4.0	17
18	3.9	3.7	12.6	3.7	3.4	3.7	3.6	3.5	3.7	4.0	4.8	4.0	18
19	3.9	3.7	10.4	3.7	3.8	4.0	3.8	3.5	3.7	5.4	4.5	4.1	19
20	3.8	3.7	10.3	3.7	5.3	3.7	3.7	3.7	3.7	4.4	4.4	4.1	20
21	3.7	3.7	6.1	3.8	4.1	3.8	3.6	3.5	3.7	4.3	4.3	4.1	21
22	3.7	3.6	6.0	3.8	3.9	4.1	3.6	5.5	3.8	4.4	4.6	4.2	22
23	3.7	3.6	5.2	3.8	3.8	3.8	3.6	4.2	3.8	4.5	4.6	4.3	23
24	3.7	3.6	4.8	4.1	3.7	3.8	3.6	3.9	4.4	4.8	4.3	24	
25	3.7	3.6	4.7	4.1	3.7	3.8	3.6	3.8	4.0	4.5	4.6	4.2	25
26	3.7	3.6	6.7	4.0	3.7	4.8	3.5	3.7	3.9	4.4	4.4	4.1	26
27	3.7	3.6	7.2	3.9	3.7	4.0	3.6	3.7	3.9	4.5	4.4	4.1	27
28	3.7	3.7	6.4	3.8	5.7	4.2	3.6	3.6	3.9	4.5	6.4	5.4	28
29	3.7	3.7	6.0	3.8	4.7	3.9	3.5	3.6	3.9	4.4	6.1	4.2	29
30	4.1		5.4	3.9	4.2	3.8	3.5	3.6	3.6	3.9	4.4	4.6	30
31	4.0		5.2		4.1		3.6	3.6		4.4		4.2	31
TOTAL	117.6	117.4	170.9	123.2	122.3	116.7	112.8	115.3	117.4	131.0	137.9	133.0	TOTAL
MEAN	3.79	4.04	5.51	4.1	3.94	3.89	3.63	3.71	3.91	4.22	4.59	4.29	MEAN
AC-FT	233.25	232.86	338.98	244.30	242.58	231.47	223.73	228.69	232.86	259.83	273.52	263.8	AC-FT
MAX	4.1	8.1	12.6	6.2	5.3	4.8	3.8	5.5	6.8	5.4	6.4	5.4	MAX
MIN	3.7	3.6	3.7	3.7	3.6	3.7	3.5	3.4	3.7	3.9	4.3	4.0	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 4.1 CFS

TOTAL DISCHARGE, 3010 AC-FT

MAXIMUM DAILY DISCHARGE, 12.6 CFS

MINIMUM DAILY DISCHARGE, 3.4 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,  
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 4.2 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.2	5.0	4.2	4.3	3.9	3.6	4.4	4.5	3.5	3.7	4.4	4.1	01
02	4.2	4.7	4.2	5.1	3.8	5.0	4.2	4.4	3.5	3.8	7.3	4.0	02
03	4.2	4.6	4.2	5.2	4.0	4.5	4.3	4.2	3.5	3.8	4.9	4.0	03
04	4.1	4.5	4.2	5.5	3.8	4.3	4.3	4.0	3.4	3.8	4.6	4.0	04
05	4.1	4.4	4.2	7.9	3.8	4.5	4.3	3.9	3.4	3.8	4.4	4.0	05
06	4.1	4.4	4.2	5.6	3.7	4.3	4.1	3.9	3.5	3.8	4.4	4.0	06
07	4.2	4.3	4.2	5.5	3.8	4.2	4.1	3.9	3.5	3.9	4.3	4.0	07
08	4.1	4.3	4.2	5.1	4.7	4.1	4.1	3.9	3.5	4.0	4.3	4.3	08
09	4.1	4.4	4.2	5.3	4.4	4.0	4.1	3.8	3.4	3.4	4.3	4.2	09
10	4.1	4.4	4.2	6.5	4.2	4.0	4.1	3.8	3.4	3.9	4.2	4.1	10
11	4.1	4.4	4.2	5.0	4.8	4.0	5.3	3.8	3.4	3.9	4.2	5.4	11
12	4.1	4.3	4.2	4.6	4.1	4.0	4.6	3.8	3.4	4.0	4.3	4.4	12
13	4.1	4.3	4.2	4.5	4.0	4.2	4.2	3.8	3.4	4.0	4.2	4.1	13
14	4.1	4.3	4.2	4.5	3.9	4.0	4.1	3.7	3.5	4.3	5.4	4.0	14
15	4.1	4.3	4.2	4.5	3.7	4.2	4.1	3.8	3.4	4.1	4.6	3.9	15
16	4.1	4.3	4.2	4.6	3.0	4.2	4.0	7.9	3.6	4.6	4.4	3.9	16
17	4.1	4.3	4.6	4.8	3.7	4.0	4.0	6.4	3.6	4.4	4.3	3.9	17
18	4.4	4.3	8.9	5.8	5.0	4.3	4.0	4.2	3.6	4.4	4.5	3.9	18
19	4.3	4.3	7.5	4.6	5.9	4.2	3.9	5.7	3.6	4.0	5.4	3.9	19
20	4.2	4.3	7.3	4.3	4.2	4.1	3.9	3.5	3.5	5.9	4.6	3.4	20
21	4.2	4.3	12.7	4.2	4.0	4.0	4.3	3.7	3.5	5.0	4.3	3.9	21
22	4.2	4.3	6.5	4.2	3.9	4.0	4.1	3.6	3.6	5.0	4.3	3.9	22
23	4.2	4.3	6.0	5.0	3.8	4.2	4.0	3.6	3.0	4.9	4.2	3.8	23
24	5.7	4.2	9.5	4.2	3.7	4.2	4.1	3.5	3.7	4.9	4.2	3.8	24
25	5.0	4.2	11.2	4.0	3.8	4.1	7.4	3.6	3.7	5.0	4.2	3.8	25
26	4.4	4.2	6.1	4.0	3.7	4.0	4.6	3.6	3.7	4.9	4.2	3.8	26
27	4.2	4.2	4.8	4.0	3.0	4.0	4.6	3.6	3.7	4.7	4.2	3.8	27
28	4.2	4.2	4.6	4.6	3.6	4.0	6.3	3.6	3.7	3.9	4.1	3.8	28
29	4.2	5.1	4.2	3.6	4.0	4.6	3.5	3.7	3.8	4.1	3.8	3.8	29
30	5.6	4.5	4.0	3.6	4.5	4.1	3.5	3.7	4.0	4.1	4.1	3.8	30
31	6.7		4.4		3.6		4.0	3.5		4.1		3.8	31
TOTAL	135.6	122.0	170.9	150.6	123.9	124.7	136.2	126.6	106.2	132.8	134.9	124.0	TOTAL
MEAN	4.37	4.35	5.51	5.02	3.99	4.15	4.39	4.08	3.54	4.28	4.49	4.0	MEAN
AC-FT	268.96	241.98	338.98	298.71	245.75	247.34	270.15	251.11	210.64	263.4	267.57	245.95	AC-FT
MAX	6.7	5.0	12.7	9.1	5.4	5.0	7.4	7.9	3.7	5.9	7.3	5.4	MAX
MIN	4.1	4.2	4.2	4.0	3.6	3.6	3.9	3.5	3.4	3.7	4.1	3.8	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 4.4 CFS

TOTAL DISCHARGE, 3150 AC-FT

MAXIMUM DAILY DISCHARGE, 12.7 CFS

MINIMUM DAILY DISCHARGE, 3.4 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,  
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 4.2 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	3.8	4.0	3.7	4.2	4.4	3.9	4.0	4.1	3.7	3.9	5.4 E	4.3	01	
02	3.8	4.3	3.8	4.9	4.3	3.8	4.1	3.8	3.6	4.0	4.9 E	4.3	02	
03	3.8	4.2	3.7	4.9	4.2	3.6	4.0	3.8	3.6	4.1	4.3 E	4.3	03	
04	3.7	4.0 b	4.2	4.6	4.2	3.8	4.1	3.7	4.0	4.1	4.1 E	4.6	04	
05	3.7	4.0	4.1	4.6	4.2	3.8	3.9	3.7	3.8	3.9	4.1	4.2	05	
06	3.7	4.0	3.9	4.8	4.2	3.8	3.7	3.7	3.7	3.9	4.1	4.2	06	
07	3.7	4.0	3.8	5.4	4.1	3.8	3.7	3.6	3.8	4.1	4.1	4.1	07	
08	3.8	4.0	3.8	8.8	4.4	3.7	3.8	3.7	3.8	4.1	4.1	4.1	08	
09	3.8	4.0	3.8	8.2	4.3	3.7	3.8	3.7	4.0	3.9	4.1	5.2	09	
10	3.8	3.9	3.7	5.4	4.2	3.8	5.1	3.7	3.8	4.1	4.7	4.7	10	
11	3.8	3.9	3.7	4.9	4.1	4.3	4.2	3.7	3.7	4.1	4.4	4.2	11	
12	3.8	3.8	3.7	5.0	4.1	4.0	4.0	3.7	3.7	4.3	4.8	4.0	12	
13	3.8	3.8	3.7	5.3	4.1	3.8	3.9	3.7	3.8	4.3	4.4	4.0	13	
14	3.9	3.8	3.8	5.7	4.0	3.8	4.0	3.7	3.8	4.5	4.3	4.0	14	
15	3.9	3.8	3.7	5.6	4.2	3.8	4.2	3.7	3.8	4.4	4.3	4.0	15	
16	3.9	3.8	3.7	5.2	5.6	3.9	4.1	3.7	3.9	4.3 E	4.2	4.0	16	
17	3.9	3.8	3.7	5.4	5.1	4.1	3.9	3.6	3.8	4.3 E	4.2	4.1	17	
18	3.9	3.8	3.7	5.2	4.3	4.0	3.8	3.5	4.2	4.2 E	4.1	18		
19	3.9	3.8	3.8	4.9	4.2	4.0	3.9	3.9	3.9	4.1 E	4.2	4.1	19	
20	3.9	3.8	4.0	8.3	4.0	3.9	5.9	3.8	3.9	4.0 E	6.2	4.1	20	
21	4.0	3.8	4.1	6.1	4.0	3.9	4.3	3.6	3.8	5.4 E	4.0	4.1	21	
22	4.0	3.8	4.2	5.2	4.2	3.9	4.0	3.6	3.8	6.5 E	4.6	4.1	22	
23	4.0	3.8	4.4	5.0	4.1	3.8	3.8	3.6	3.8	4.6 E	4.4	4.0	23	
24	4.0	3.8	4.3	5.5	4.0	3.8	3.8	3.6	3.8	4.2 E	4.3	4.0	24	
25	4.1	3.8	4.3	5.0	4.2	3.9	3.8	3.5	4.5	4.0 E	4.2	4.0	25	
26	4.2	3.8	4.8	4.7	4.4	4.0	3.8	3.5	4.6	3.9 E	4.3	4.0	26	
27	4.1	3.8	4.8	4.5	4.0	4.6	3.8	3.5	4.4	3.9 E	4.4	4.0	27	
28	4.2	3.7	4.5	4.4	4.0	3.9	3.8	3.6	4.0	3.9 E	4.9	4.0	28	
29	4.3	4.3	4.4	3.9	4.0	3.8	3.6	3.9	5.0 E	4.5	4.0	29		
30	4.2	4.2	4.3	3.9	4.0	3.8	3.8	4.5	4.0	7.8 E	4.4	4.0	30	
31	4.1		4.1			3.9		3.8	4.0		6.5 E		3.9	31
TOTAL	121.5	108.8	124.0	160.4	130.8	117.3	124.8	115.2	116.7	137.7	133.9	128.7	TOTAL	
MEAN	3.91	3.88	4.0	5.34	4.21	3.91	4.02	3.71	3.89	4.44	4.46	4.15	MEAN	
AC-FT	240.99	215.8	245.95	318.15	259.44	232.66	247.54	228.49	231.47	273.12	265.59	255.27	AC-FT	
MAX	4.3	4.3	4.8	8.8	5.6	4.6	5.9	4.5	4.6	7.8	6.2	5.2	MAX	
MIN	3.7	3.7	3.7	4.2	3.9	3.7	3.8	3.5	3.6	3.8	4.1	3.9	MIN	

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 4.2 CFS

TOTAL DISCHARGE, 3010 AC-FT

MAXIMUM DAILY DISCHARGE, 8.8 CFS

MINIMUM DAILY DISCHARGE, 3.5 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,

ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 4.2 SQUARE MILES.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.9	4.0 E	4.4	4.6	4.1	3.1	3.3	3.4	3.4	3.4	4.1	3.7	31
02	3.9	4.0 E	4.3	5.6 E	4.2	3.5	3.2	3.3	3.4	3.5	4.1	4.2	02
03	4.0	4.0 E	4.2	5.1	3.9	4.0	3.2	3.3	3.5	3.6	4.1	4.2	03
04	4.2	4.0 E	4.2	4.5 E	3.8	3.4	3.2	3.2	3.5	3.7	4.1	4.1	04
05	4.2	5.0 E	4.2	4.5 E	3.7	3.2	3.3	3.2	3.5	3.6	4.1	4.1	05
06	4.1	4.4 E	4.3	4.6 E	3.6	3.2	6.6	3.2	3.5	3.8	4.1	4.7	06
07	4.0	4.1 E	4.4	5.2 E	3.5	3.2	3.6	3.2	3.8	3.8	4.2 E	4.7	07
08	3.9	4.1 E	4.3	5.4 E	3.6	3.4	3.4	3.1	3.7	3.7	4.0 E	4.3	08
09	3.9	4.1 E	4.3	7.2 E	3.6	3.2	3.4	3.2	3.6	4.2	5.1	5.1	09
10	3.9	4.1 E	4.3	8.1 E	3.4	3.1	3.3	3.3	3.6	4.3	4.0 E	6.0	10
11	3.9	4.1 E	4.3	7.5 E	3.3	3.1	3.3	3.3	3.6	4.0	4.0 E	5.2	11
12	3.9	4.1 E	4.3	7.2 E	3.5	3.1	3.2	3.2	3.6	3.9	3.8 E	4.4	12
13	3.9	4.1 E	4.3	7.2 E	3.5	3.9	3.6	3.2	3.8	3.8	4.1	4.1	13
14	3.9	4.1 E	4.4	5.5 E	3.4	3.3	3.4	3.2	3.7	4.2	3.6	4.6	14
15	3.8	4.1 E	4.7	5.7 E	3.3	3.2	3.3	3.3	3.6	4.0	4.0 E	5.2	15
16	3.8	4.1 E	4.7	5.5 E	3.4	3.2	3.3	3.2	3.6	3.9	3.8 E	4.9	16
17	3.9 E	4.1 E	4.5	5.2	3.3	3.2	3.4	3.2	3.7	3.9	3.8 E	4.5	17
18	3.9 E	4.0	4.4	5.5	3.3	3.1	3.3	3.2	3.5	3.9	3.8 E	4.3	18
19	3.9 E	4.0	4.5	5.7	3.3	3.1	3.4	3.2	3.5	3.9	4.0 E	3.9	19
20	3.9 E	4.4	4.4	5.5	3.4	3.1	3.3	3.2	3.6	3.9	4.2 E	4.0	20
21	3.9 E	4.2	4.4	5.3	3.3	3.2	3.3	3.2	4.0	3.9	4.0 E	3.8	21
22	4.0 E	4.2	4.3	5.1	3.2	3.1	3.4	3.5	3.7	3.9	3.8 E	3.7	22
23	4.0 E	4.3	4.3	4.8	3.2	3.1	3.5	3.7	3.5	3.9	3.8 E	3.6	23
24	4.0 E	4.2	4.3	4.6	3.2	3.1	3.5	3.3	3.5	4.2	3.8 E	3.9	24
25	4.0 E	4.1	4.2	4.4	3.5	3.8	3.4	3.4	3.4	4.5	3.8 E	3.8	25
26	4.0 E	4.3	4.3	4.4	3.3	3.4	4.3	4.0	3.4	4.2	4.0 E	3.7	26
27	4.0 E	4.9	4.3	4.3	3.5	3.3	4.9	3.4	3.8	4.2	4.0 E	3.7	27
28	4.0 E	4.6	4.4 E	4.3	3.3	3.4	3.4	3.6	3.4	4.1	3.8 E	2.9	28
29	4.0 E	4.3	4.3 E	4.4	3.2	3.4	3.4	3.6	3.4	4.1	3.7	3.6	29
30	4.0 E	4.3 E	4.2	3.1	3.3	3.3	3.4	3.4	3.4	4.1	3.7	3.5 P	30
31	4.0 E		4.3		3.1			3.3	3.4			3.5	31
TOTAL	122.7	117.7	134.8	161.1	107.0	100.2	108.4	103.9	108.7	122.6	118.3	129.6	TOTAL
MEAN	3.95	4.2	4.34	5.37	3.45	3.34	3.49	3.35	3.62	3.95	3.94	4.18	MEAN
AC-FT	243.37	233.45	267.37	319.54	212.23	198.74	215.01	208.08	215.0	243.17	234.04	257.06	AC-FT
MAX	4.2	5.0	4.7	8.1	4.2	6.6	4.2	5.0	4.5	4.2	6.0	5.0	MAX
MIN	3.8	4.0	4.2	4.2	3.1	3.1	3.2	3.1	3.4	3.4	3.7	3.5	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 3.9 CFS

TOTAL DISCHARGE, 2850 AC-FT

MAXIMUM DAILY DISCHARGE, 8.1 CFS

MINIMUM DAILY DISCHARGE, 3.1 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,

ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 4.2 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY																																																																																																													
01	3.7	3.4	3.7	3.9	4.8	4.0	3.7	3.2	3.4	3.4	4.0	3.8	01																																																																																																													
02	3.7	3.4	3.8	4.0	5.5	4.2	3.5	4.1	3.4	3.8	4.6	3.7	02																																																																																																													
03	3.7	3.5	3.7	4.1	5.8	3.8	3.6	3.7	3.5	3.7	4.2	3.8	03																																																																																																													
04	3.7	3.4	3.7	4.0	4.6	3.7	3.6	3.3	3.4	3.7	4.1	3.8	04																																																																																																													
05	3.6	3.4	3.7	3.8	4.3	3.5	3.5	3.3	3.4	3.6	4.0	3.8	05																																																																																																													
06	3.6	3.3	3.7	3.7	4.5	3.5	3.4	3.3	3.4	4.2	3.9	5.0	06																																																																																																													
07	3.6	3.4	3.8	3.6	4.4	3.4	3.4	4.1	3.4	4.1	4.0	3.9	07																																																																																																													
08	3.6	3.4	3.7	3.6	4.1	3.6	3.4	4.1	4.9	3.9	5.8	3.6	08																																																																																																													
09	3.7	3.4	3.6	3.7	3.9	3.7	3.4	4.3	3.7	3.8	4.4	3.6	09																																																																																																													
10	3.7	3.4	3.6	3.9	3.9	3.5	3.9	3.5	3.5	3.7	4.1	3.6	10																																																																																																													
11	3.6	3.4	3.5	5.2	3.8	3.5	3.5	3.4	3.5	3.7	4.0	3.5	11																																																																																																													
12	3.5	3.4	3.6	6.4	3.8	3.5	3.3	3.5	3.4	3.7	4.0	3.7	12																																																																																																													
13	3.5	3.7	3.5	16.1	3.7	3.5	3.4	3.4	3.5	3.7	3.9	6.2	13																																																																																																													
14	3.5	4.0	3.6	11.3	4.4	3.6	3.6	3.4	3.4	3.7	3.9	4.3	14																																																																																																													
15	3.4	3.5	3.5	7.6	4.4	3.5	4.8	3.4	3.4	3.7	3.9	4.0	15																																																																																																													
16	3.4	3.4	3.8	7.1	4.1	3.5	4.2	3.4	3.4	3.7	3.8	3.8	16																																																																																																													
17	3.4	3.4	3.9	10.8	4.1	3.4	3.5	3.4	3.4	3.7	3.8	3.7	17																																																																																																													
18	3.4	3.4	3.6	8.4	4.1	3.4	3.5	3.4	3.4	3.7	3.8	3.6	18																																																																																																													
19	3.6	3.5	3.4	6.4	3.8	3.5	3.4	3.3	3.4	3.7	3.9	3.6	19																																																																																																													
20	3.6	3.7	3.7	8	3.4	3.7	3.5	3.5	3.3	3.7	3.9	3.6	20																																																																																																													
21	3.5	3.8	3.4	5.9	3.0	4.0	3.4	3.3	3.4	3.7	3.8	3.5	21																																																																																																													
22	3.7	3.6	4.3	6.2	3.5	4.9	3.5	3.3	3.4	4.5	3.7	3.5	22																																																																																																													
23	4.0	3.6	4.1	6.0	3.5	6.1	3.7	4.7	3.4	6.7	3.5	23	24	3.7	3.6	4.1	5.5	3.4	5.6	3.5	3.7	4.6	3.7	3.5	24	25	3.8	3.6	3.9	5.2	3.4	4.4	3.4	3.6	4.2	3.8	3.5	25	26	3.6	3.6	3.8	5.0	3.4	4.3	3.4	3.4	4.4	4.1	4.4	3.6	26	27	3.5	3.6	3.8	4.9	3.5	4.0	3.3	4.5	3.7	4.0	4.3	3.6	27	28	3.5	3.7	3.7	4.9	3.5	3.8	3.2	3.8	3.5	4.2	4.0	3.6	28	29	3.5	3.6	3.8	5.0	3.5	3.7	3.2	3.5	4.0	4.9	3.9	3.5	29	30	3.4	3.8	3.8	4.9	4.0	4.2	3.2	3.4	5.1	4.2	3.7	3.5	30	31	3.4		3.8		4.0		3.3	3.4		4.1		5.0	31
24	3.7	3.6	4.1	5.5	3.4	5.6	3.5	3.7	4.6	3.7	3.5	24																																																																																																														
25	3.8	3.6	3.9	5.2	3.4	4.4	3.4	3.6	4.2	3.8	3.5	25																																																																																																														
26	3.6	3.6	3.8	5.0	3.4	4.3	3.4	3.4	4.4	4.1	4.4	3.6	26																																																																																																													
27	3.5	3.6	3.8	4.9	3.5	4.0	3.3	4.5	3.7	4.0	4.3	3.6	27																																																																																																													
28	3.5	3.7	3.7	4.9	3.5	3.8	3.2	3.8	3.5	4.2	4.0	3.6	28																																																																																																													
29	3.5	3.6	3.8	5.0	3.5	3.7	3.2	3.5	4.0	4.9	3.9	3.5	29																																																																																																													
30	3.4	3.8	3.8	4.9	4.0	4.2	3.2	3.4	5.1	4.2	3.7	3.5	30																																																																																																													
31	3.4		3.8		4.0		3.3	3.4		4.1		5.0	31																																																																																																													

TOTAL	111.1	102.1	115.3	178.5	125.0	116.8	109.3	111.4	108.4	124.6	121.0	118.9	TOTAL
MEAN	3.58	3.52	3.71	5.95	4.03	3.89	3.52	3.59	3.61	4.01	4.03	3.83	MEAN
AC-FT	220.36	202.51	228.69	354.05	247.93	231.67	216.79	220.96	215.01	247.14	240.0	235.83	AC-FT
MAX	4.0	4.0	4.3	16.1	5.8	6.1	4.8	4.7	5.1	6.7	5.8	6.2	MAX
MIN	3.4	3.3	3.4	3.6	3.4	3.4	3.2	3.2	3.4	3.6	3.7	3.5	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 3.9 CFS

TOTAL DISCHARGE, 2860 AC-FT

MAXIMUM DAILY DISCHARGE, 16.1 CFS

MINIMUM DAILY DISCHARGE, 3.2 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,  
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 4.2 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.7	3.6	3.4	8.6	4.3	4.2	3.8	4.8	3.8	3.9	7.0	4.8	01
02	3.9	8.8	3.5	6.2	4.6	4.0	3.7	4.1	3.8	4.4	5.8	4.7	02
03	3.7	6.0	4.3	6.0	4.9	3.9	3.6	3.8	3.7	4.7	5.6	4.7	03
04	4.2	4.2	18.0	5.4	4.3	4.0	3.8	3.6	3.7	4.3	5.1	4.7	04
05	3.8	4.0	6.2	5.4	4.2	4.4	3.9	3.5	3.8	4.5	5.0	4.9	05
06	3.5	3.9	16.7	4.8	3.9	4.2	3.6	3.6	3.7	4.3	5.0	4.6	06
07	3.4	3.8	18.8	4.6	3.9	4.5	3.6	3.6	3.7	4.3	5.0	4.4	07
08	3.4	3.8	8.8	4.5	4.7	4.0	3.6	3.6	3.7	4.3	5.2	4.3	08
09	3.4	3.7	5.9	4.4	5.5	3.9	3.5	3.6	3.7	4.2	5.0	4.4	09
10	3.4	3.7	6.0	4.5	4.6	3.7	3.4	3.6	3.7	4.3	4.8	4.4	10
11	3.4	3.6	11.3	4.4	5.2	3.6	3.4	3.6	3.6	4.4	4.8	4.3	11
12	3.4	3.5	7.4	4.3	4.4	3.7	3.4	3.5	3.6	4.4	4.9	4.2	12
13	3.4	3.5	6.0	4.2	4.2	3.5	3.6	3.5	3.6	4.8	4.9	4.3	13
14	3.4	3.5	9.6	4.1	4.1	3.5	3.7	3.5	3.6	4.8	4.9	4.2	14
15	3.5	3.5	6.3	4.1	4.1	3.5	3.4	3.5	3.6	4.6	6.8	4.0	15
16	3.5	3.5	5.8	4.2	4.1	3.6	3.3	3.4	3.6	4.7	5.6	4.0	16
17	3.5	3.5	9.5	4.1	4.2	3.5	3.3	3.5	3.7	4.7	5.0	3.9	17
18	3.7	6.2	4.0	4.0	4.0	3.8	3.3	8.2	4.5	4.6	5.0	3.9	18
19	6.1	3.4	5.6	4.0	3.9	3.7	3.3	4.4	3.8	4.9	5.0	3.9	19
20	5.1	3.5	5.3	3.9	3.8	3.5	3.3	4.0	3.8	4.9	4.8	4.1	20
21	4.0	3.5	5.1	3.9	3.9	3.6	3.3	3.8	3.6	4.7	5.1	4.1	21
22	4.4	3.5	5.1	4.6	3.8	3.5	3.3	3.7	4.2	4.6	5.2	4.1	22
23	5.6	3.4	5.2	4.1	3.8	3.5	3.3	3.7	4.5	4.6	4.8	4.1	23
24	4.3	3.4	5.4	3.9	3.8	4.0	3.2	3.7	4.0	4.6	5.2	4.1	24
25	4.0	3.4	5.3	3.9	3.8	3.7	3.4	3.7	3.9	4.6	5.2	4.5	25
26	3.9	3.4	5.0	3.8	4.3	3.6	3.5	3.7	3.8	4.6	4.8	4.9	26
27	3.4	4.6	4.5	4.1	3.6	3.6	5.1	3.8	4.6	4.8	5.3	27	
28	3.8	3.4	4.4	5.8	2.7	6.3	4.5	4.1	3.8	4.7	6.1	4.7	28
29	3.7	4.5	4.7	4.5	4.5	4.6	3.9	3.8	3.8	5.4	5.3	4.5	29
30	3.7	5.2	4.2	4.2	3.9	3.5	3.5	3.8	3.8	6.9	5.0	4.4	30
31	3.6		5.0		4.7		3.5	4.0		5.5		4.3	31

TOTAL	121.3	107.8	215.4	139.1	133.6	117.0	109.5	122.0	113.9	144.8	156.7	135.7	TOTAL
MEAN	3.91	3.85	6.94	4.63	4.3	3.9	3.53	3.93	3.79	4.67	5.22	4.37	MEAN
AC-FT	240.59	213.82	427.24	275.9	264.99	232.06	217.19	241.98	225.92	287.21	310.81	269.16	AC-FT
MAX	6.1	8.8	18.8	8.6	5.7	6.3	4.5	8.2	4.5	6.9	7.0	5.3	MAX
MIN	3.4	3.4	3.4	3.8	3.4	3.5	3.2	3.4	3.6	3.9	4.8	3.9	MIN

SUMMARY FOR THE YEAR 1973	MEAN DISCHARGE, 4.4 CFS	LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,	B - ICE CONDITIONS
		ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.	E - ESTIMATED
		TYPE OF GAUGE: CONTINUOUS RECORDING.	NATURAL FLOW
		DRAINAGE AREA: 4.2 SQUARE MILES.	
		REMARKS: NATURAL STREAMBED CONTROL.	

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.7 B	3.9 B	4.7 B	7.4	4.0	5.0	5.5			3.9	4.4	3.8	01
02	3.9 B	3.9 B	4.5 B	6.0	4.4	4.5	4.7			3.9	4.4	3.8	02
03	3.9 B	3.8 B	4.3 B	5.9	4.7	4.4	4.8			3.9	4.4	3.8	03
04	3.9 B	3.7 B	4.2 B	5.6	4.3	4.3	5.1			3.9	4.4	3.8	04
05	3.7 B	3.6 B	5.6	5.3	4.3	4.2	4.3			4.0	4.3	3.8	05
06	3.8 B	3.6 B	5.6	5.3	4.8	4.2	4.1			4.3	4.3	3.8	06
07	3.8 B	3.6 B	4.7	5.0	6.2	4.4	4.0			4.8	4.3	3.9	07
08	3.9 B	3.7 B	4.2	4.8	4.9	4.3	4.1			4.2	4.2	3.8	08
09	3.9 B	3.6 B	4.1	4.7	4.5	4.3	3.9			4.8	4.1	3.7	09
10	3.9 B	3.8 B	4.1	4.7	4.3	4.2	3.8			4.6	4.2	3.7	10
11	3.9 B	3.7 B	4.0	4.7	4.5	4.3			3.8	4.3	4.1	3.7	11
12	3.9 B	3.6 B	4.0	4.4	4.5	4.2			3.6	4.3	4.1	3.7	12
13	3.9 B	3.7 B	4.5	4.5	4.3	4.3			3.5	4.3	4.1	3.6	13
14	3.9 B	3.7 B	4.2	4.5	4.2	5.7			3.5	4.4	4.2	3.6	14
15	3.9 B	3.8 B	4.0	5.9	4.2	4.4			3.5	4.3	4.2	3.5	15
16	3.9 B	4.4	3.9	6.4	6.8	5.0			3.6	4.3	4.2	3.5	16
17	3.9 B	4.5	3.8	4.8	8.2	4.6			3.7	4.3	4.2	3.5	17
18	3.9 B	4.7	3.8	4.5	5.4	4.3			3.9	4.4	4.1	3.5	18
19	3.9 B	5.6	3.9	4.3	5.7	4.8			3.7	4.4	4.1	3.5	19
20	3.9 B	4.6	8.0	4.2	5.2	4.6			4.4	4.9	4.1	4.0	20
21	3.9 B	4.7	19.8	4.2	4.7	4.2			4.1	5.2	3.9	3.7	21
22	3.8 B	5.7	6.9 B	4.7	4.6	6.2			4.5	4.7	3.9	3.6	22
23	3.8 B	4.8	5.6 B	4.6	4.5	4.6			4.4	4.5	4.0	3.6	23
24	3.9 B	4.3	7.3	4.3	4.4	4.3			4.0	4.6	4.1	3.6	24
25	3.9 B	4.3	8.5	5.6	4.5	5.5			3.9	4.6	4.0	3.6	25
26	4.7	4.6	6.9	5.2	4.6	4.5			4.2	4.5	5.1	3.7	26
27	4.5	5.3	7.5	4.9	4.4	5.0			4.3	4.4	5.7	3.6	27
28	4.3	5.4	6.5	4.7	4.3	4.2			4.0	4.4	4.4	3.6	28
29	4.1	4.8	5.6	4.4	4.3	5.0			3.9	4.4	4.0	3.6	29
30	4.0		6.0	4.2	4.3	5.7			3.9	4.4	3.8	3.6	30
31	3.9		8.6		5.8					4.5		3.6	31
TOTAL	122.3	123.4	179.3	149.7	150.0	139.2				136.4	127.3	113.8	TOTAL
MEAN	3.94	4.25	5.78	4.99	4.83	4.64				4.4	4.24	3.67	MEAN
AC-FT	242.58	244.76	355.64	296.92	297.52	276.1				270.54	252.49	225.72	AC-FT
MAX	4.7	5.7	19.8	7.4	8.2	6.2				5.2	5.7	4.0	MAX
MIN	3.7	3.6	3.8	4.2	4.2	4.2				3.9	3.8	3.5	MIN

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 19.8 CFS

MINIMUM DAILY DISCHARGE, 3.6 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,  
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 4.2 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.5	3.5	3.7	5.3	4.4	4.5	4.3	4.0	4.2	5.2	4.0	6.3	01
02	3.5	3.5	3.6	5.9	4.6	4.3	4.0	3.7	5.5	4.5	4.0	4.5	02
03	3.5	3.6	3.6	7.6	4.5	4.2	3.9	3.6	4.6	4.3	4.0	4.2	03
04	3.4	3.6	4.5	5.1	4.4	4.0	4.0	3.6	4.2	4.1	4.0	4.2	04
05	3.4	3.6	4.6	6.9	4.6	4.0	4.0	3.9	4.1	4.0	4.0	4.2	05
06	3.3	3.6	4.6	5.0	4.5	4.0	4.4	4.1	4.0	4.1	4.0	4.1	06
07	3.4	3.6	4.1	4.6	4.4	4.0	4.3	3.8	4.1	4.0	5.7	4.1	07
08	3.4	3.7	4.0	4.8	4.5	4.0	4.1	3.7	4.1	5.2	6.0	4.1	08
09	3.4	3.7	4.3	4.6	4.6	4.0	3.9	3.7	4.1	4.0	4.1	5.0	09
10	3.4	3.7	6.1	4.8	4.3	3.9	3.8	4.9	4.2	4.6	5.9	4.1	10
11	3.3	3.7 B	7.7	4.9	4.0	3.9	3.8	4.2	4.1	4.4	4.8	4.1	11
12	3.3	3.7 B	8.7	4.8	3.9	4.0	3.9	4.1	4.1	4.4	4.3	4.1	12
13	3.3	4.2	22.3	4.7	3.9	3.9	3.9	3.7	4.3	4.3	4.1	5.0	13
14	3.4	3.9	11.1	4.6	3.9	3.9	3.8	3.8	4.0	4.3	4.1	5.1	14
15	3.4	3.7	10.2	4.5	3.9	3.8	3.8	3.6	3.7	4.3	4.1	5.1	15
16	3.4	3.7	9.8	4.4	3.9	3.9	3.8	4.9	4.7	4.4	5.2	4.7	16
17	3.4	3.7	8.2	4.7	3.8	4.1	3.8	4.4	4.3	4.3	6.0	4.5	17
18	3.4	3.7	6.9	4.5	4.1	4.8	3.8	3.8	4.0	4.3	4.9	4.3	18
19	3.4	3.7	6.7	4.5	4.2	4.2	3.7	3.8	3.9	4.2	4.5	4.3	19
20	3.5	3.7	6.6	4.5	4.0	4.1	3.6	3.8	4.7	4.2	4.4	5.5	20
21	3.5	3.6	6.6	4.5	3.8	4.0	3.6	3.8	4.2	4.2	4.4	4.6	21
22	3.4	3.6	6.6	5.5	3.8	3.9	3.6	3.9	4.2	4.2	4.5	4.2	22
23	3.5	3.6	6.3	6.2	3.9	4.0	3.6	3.9	4.0	4.2	4.5	4.2	23
24	3.5	4.1	5.9	5.5	3.9	3.9	3.6	4.2	4.0	4.1	4.7	4.1	24
25	3.6	4.0	5.7	5.2	4.0	4.8	3.6	3.9	5.4	4.1	4.5	5.5	25
26	3.6	3.8	5.6	4.8	3.9	4.1	3.5	3.8	4.2	4.1	4.1	4.2	26
27	3.6	3.8	5.9	4.6	3.9	4.0	3.5	3.8	4.1	4.1	4.1	4.1	27
28	3.7	3.7	6.4	4.6	3.9	4.0	3.5	3.8	4.0	4.1	4.1	4.1	28
29	3.6		8.0	4.4	3.9	5.0	3.6	3.9	4.0	4.0	4.1	4.0	29
30	3.5		7.5	4.4	3.9	4.1	3.6	3.9	4.0	4.0	4.1	4.0	30
31	3.5		6.4		3.9			4.1	3.9		4.0		31
TOTAL	107.0	104.0	212.2	150.4	127.2	123.1	118.4	122.5	127.6	134.2	136.4	137.1	TOTAL
MEAN	3.45	3.71	6.84	5.01	4.1	4.1	3.81	3.95	4.25	4.32	4.54	4.42	MEAN
AC-FT	212.23	206.28	420.89	298.31	252.03	244.16	234.84	242.97	253.09	260.18	270.54	271.93	AC-FT
MAX	3.7	4.2	22.3	7.6	4.6	5.0	4.4	4.9	5.5	6.0	6.3	6.3	MAX
MIN	3.3	3.5	3.6	4.4	3.8	3.8	3.5	3.6	3.7	4.0	4.0	4.0	MIN

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 4.4 CFS

TOTAL DISCHARGE, 3170 AC-FT

MAXIMUM DAILY DISCHARGE, 22.3 CFS

MINIMUM DAILY DISCHARGE, 3.3 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,  
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 4.2 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

DAY	DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.3	4.6	4.2	7.9	5.2	4.7	5.3	4.1	3.4	3.9	5.0	4.8	01
02	4.3	4.4	4.2	12.5	4.0	4.5	5.0	4.1	3.4	4.0	4.9	5.0	02
03	4.3	4.2	4.2	9.6	4.0	4.4 E	11.0	4.0	3.9	4.0	5.0	4.9	03
04	4.2	4.0	8.6	22.2	4.6	4.4 E	5.4	4.4	3.5	4.0	5.1	4.8	04
05	4.2	4.0	21.4	7.5	4.5	4.3	4.8	4.1	3.5	4.0	5.1	4.8	05
06	4.2	4.0	12.6	6.1	5.0	4.3	4.6	3.9	3.5	4.0	5.1	4.8	06
07	4.1	4.1	11.8	5.8	4.8	4.3	4.3	3.8	3.5	4.3	4.9	4.8	07
08	4.1	4.1	6.0	5.4	4.6	4.3	4.3	3.8	3.5	4.1	4.9	5.3	08
09	4.0	4.1	5.5	5.3	5.7	4.3	4.4	3.9	3.5	4.1	4.8	5.1	09
10	4.1	4.1	5.1	5.1	4.9	4.4	4.7	3.9	3.5	4.1	4.8	4.8	10
11	4.1	4.1	5.0	5.3	4.7	4.4	4.6	3.8	3.6	4.1	4.8	4.8	11
12	4.1	4.1	4.9	5.6	5.7	4.4	4.4	4.2	3.8	4.2	5.7	4.9	12
13	4.1	4.2	4.5	6.0	5.9	4.4	4.3	4.2	4.0	4.2	5.2	4.9	13
14	4.1	4.1	4.2	6.9	5.2	4.4	4.5	4.0	3.8	5.5	4.8	4.8	14
15	4.1	4.1	4.2	6.4 E	5.9	5.8	4.7	3.9	3.7	4.1	5.2	4.7	15
16	4.1	4.0	4.1	5.3 E	6.2	5.6	4.4	3.9	3.7	4.6	5.1	4.8	16
17	3.9	4.1	4.1	5.1 E	8.6	4.9	4.5	3.9	3.8	4.8	5.2	4.7	17
18	3.9	4.1	4.1	5.0	5.4	5.2	4.5	3.9	3.9	5.1	4.4	18	
19	3.9	4.1	4.1	4.8	5.1	6.7	4.5	3.8	3.8	5.0	4.4	19	
20	4.0	4.1	4.1	4.7	4.9	5.9	4.4	3.8	3.7	4.8	7.4	4.3	20
21	4.7	4.0	4.0	4.6	4.8	5.2	4.2 E	3.8	3.7	4.8	6.5	4.3	21
22	4.4	4.6	4.0	5.9	4.8	4.9	4.4 E	3.8	3.7	4.8	5.3	4.3	22
23	4.5	4.3	4.0	5.7	4.9	4.6	4.4 E	4.0	3.7	4.9	5.2	4.3	23
24	4.2	4.1	4.0	5.3	4.7	4.6	4.1	3.7	4.8	5.5	4.3	24	
25	4.2	4.0	3.9	4.8	4.7	4.7	4.1	4.0	4.0	4.9	5.1	4.3	25
26	4.4	3.9	3.9	4.7	4.8	4.7	4.3	4.0	3.8	4.8	4.9	4.2	26
27	8.7	3.9	3.9	4.6	4.8	4.7	4.2	6.6	3.7	4.8	4.9	4.2	27
28	5.8	4.1	3.9	4.5	4.8	4.6	4.0	5.4	4.5	4.8	4.9	4.2	28
29	5.0		3.8	4.3	5.3	6.2	4.8	3.4	5.0	4.9	4.2	29	
30	4.9		4.0	4.9	4.9	5.8	4.8	3.4	4.1	5.1	4.8	4.3	30
31	4.9		4.9		4.8		4.3	3.4		5.0		4.2	31
TOTAL	137.8	115.5	171.2	192.3	163.4	145.6	146.0	125.3	112.9	140.6	155.9	142.6	TOTAL
MEAN	4.44	4.12	5.52	6.41	5.27	4.85	4.7	4.04	3.76	4.53	5.19	4.6	MEAN
AC-FT	273.32	229.09	339.57	381.42	324.1	288.79	289.59	248.53	223.93	278.88	309.22	282.84	AC-FT
MAX	8.7	4.6	21.4	22.2	9.7	6.7	11.0	6.6	5.0	5.5	7.4	5.3	MAX
MIN	3.9	3.9	3.8	4.5	4.5	4.3	4.0	3.4	3.4	4.8	4.8	4.2	MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 4.8 CFS

TOTAL DISCHARGE, 3470 AC-FT

MAXIMUM DAILY DISCHARGE, 22.2 CFS

MINIMUM DAILY DISCHARGE, 3.4 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,

ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 4.2 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975												
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.3	3.9	4.6	4.1	4.5	3.9	3.2	3.4	3.9	4.0	4.5	4.6	01
02	4.3	3.8	4.6	4.0	4.3	3.4	3.3	3.4	3.7	4.0	4.5	4.0	02
03	4.4	3.8	4.6	4.2	4.2	3.3	3.3	3.6	3.9	4.3	4.0	4.0	03
04	4.5	3.8	4.5	4.1	5.3	3.3	3.3	3.5	3.7	4.0	4.2	3.9	04
05	4.5	3.8	4.5	4.0	5.2	3.4	3.3	3.4	3.7	4.0	4.1	3.9	05
06	4.6	3.8	4.5	4.0	4.4	3.4	3.2	3.4	3.6	4.0	4.1	5.1	06
07	4.7	3.8	4.5	4.1	4.1	3.3	3.3	3.4	3.6	4.0	4.1	4.0	07
08	4.8	3.7	4.5	4.1	4.0	3.3	3.3	3.4	3.7	4.0	4.1	3.8	08
09	5.9	3.7	4.5	4.1	3.9	3.3	3.3	3.4	3.6	4.1	4.0	3.8	09
10	5.5	3.7	4.3	4.0	3.8	3.3	3.3	3.4	3.6	4.3	4.5	3.9	10
11	7.5	3.6	4.3	4.1	3.8	3.3	3.5	3.6	4.3	4.3	4.5	3.8	11
12	5.9	3.6	4.4	4.1	3.8	4.1	3.3	3.4	6.1	4.2	4.2	3.8	12
13	5.5	3.6	4.5	4.3	3.7	3.6	3.3	3.5	3.8	4.4	4.1	3.8	13
14	5.4	3.6	4.3	4.7	3.6	3.5	3.3	3.4	3.6	4.1	4.0	3.9	14
15	5.4	3.6	4.2	5.1	3.9	3.5	3.3	3.4	3.7	4.3	4.0	5.7	15
16	5.4	3.6	4.3	5.4	4.0	3.7	3.3	3.4	3.7	4.2	4.0	4.2	16
17	5.4	3.6	4.6	5.8	3.7	3.4	3.3	3.4	3.7	4.3	3.9	4.0	17
18	5.6	3.8	7.8	6.3	3.0	3.5	3.3	3.3	4.0	4.8	3.9	3.9	18
19	4.2 E	3.7	18.9	18.0	3.0	4.3	4.0	3.3	3.4	4.4	3.9	3.8	19
20	4.2 E	3.6	20.6	6.4	3.5	3.6	5.0	3.3	4.5	4.4	4.0	3.8	20
21	4.0 E	3.6	6.3	5.5	3.4	3.4	3.9	3.4	4.0	4.3	4.2	3.8	21
22	4.1	3.6	13.5	5.0	3.4	3.5	3.4	3.4	3.8	4.3	4.0	3.8	22
23	4.1	4.6	6.3	5.3	3.4	3.5	3.4	3.4	3.8	4.2	3.9	3.7	23
24	4.1	27.5	5.8	6.5	3.3	3.4	3.7	4.2	3.8	4.2	3.9	3.7	24
25	4.4	10.9	5.8	5.1	3.3	3.3	3.5	3.7	3.8	4.2	3.9	3.7	25
26	4.5	5.5	4.4	4.7	3.4	3.3	3.4	3.6	3.8	4.2	3.8	3.8	26
27	4.2	4.8	4.1	4.6	3.4	3.3	3.5	3.4	3.7	4.2	4.7	3.8	27
28	4.1	4.7	4.0	4.5	3.3	3.3	3.5	3.4	3.7	4.2	4.3	3.8	28
29	4.2		4.5	4.4	3.2	3.2	3.4	3.8	3.7	4.2	4.0	3.8	29
30	4.0		4.3	4.3	5.0	3.3	3.4	3.9	3.8	4.1	4.9	4.4	30
31	3.9		4.1		4.3		3.4	3.6		4.1		4.3	31
TOTAL	147.6	139.3	186.1	154.8	120.5	103.8	107.9	108.1	117.5	130.1	126.4	124.3	TOTAL
MEAN	4.76	4.97	6.0	5.16	3.88	3.46	3.48	3.48	3.91	4.19	4.21	4.0	MEAN
AC-FT	292.76	276.3	369.12	307.04	239.01	205.88	214.01	214.41	233.06	258.05	250.71	240.54	AC-FT
MAX	7.5	27.5	20.6	18.0	5.3	4.3	5.8	4.2	6.1	4.8	6.5	5.7	MAX
MIN	3.9	3.6	4.0	4.0	3.2	3.3	3.2	3.3	3.6	3.9	3.8	3.7	MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 4.3 CFS

TOTAL DISCHARGE, 3110 AC-FT

MAXIMUM DAILY DISCHARGE, 27.5 CFS

MINIMUM DAILY DISCHARGE, 3.2 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,

ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 4.2 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR LESKARD - STATION NO. 02HD231

77

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.1	4.5	4.3	6.2	5.3	5.0							01
02	4.1	4.5	4.3	6.3	5.3	5.1							02
03	4.0	4.5	4.3	5.3	5.3	5.0							03
04	4.2	4.4	4.4	5.2	5.3	5.0							04
05	4.2	4.4	4.3	5.8	5.3	5.1							05
06	4.2	4.4	4.3	5.9	5.5	5.0							06
07	4.2	4.4	4.3	9.0	5.5	5.2							07
08	5.7	4.4	4.3	6.6	5.4	5.3							08
09	6.0	4.4	4.3	5.8	6.3	5.2							09
10	5.0	4.4	4.3	5.8	5.5	5.2							10
11	4.6	4.4	4.3	7.6	5.3	5.1							11
12	4.6	4.4	4.3	7.3	5.4	5.4							12
13	4.5	4.4	4.3	7.5	5.5	6.0							13
14	4.5	4.4	5.2	6.5	8.4	5.4							14
15	4.4	4.4	5.1	6.0	6.6	5.0							15
16	4.4	4.4	4.7	6.1	5.7								16
17	4.4	4.4	4.5	6.1	5.6								17
18	4.4	4.4	4.5	6.3	6.4								18
19	4.4	4.4	4.4	7.2	5.8								19
20	4.4	4.4	4.4	8.5	6.0								20
21	4.4	4.4	5.5	7.4	6.0								21
22	4.4	4.4	5.3	6.3	5.5								22
23	4.4	4.4	5.0	6.1	5.3								23
24	4.4	4.3	4.9	6.0	5.3								24
25	4.4	4.4	4.7	5.9	5.2								25
26	5.7	4.4	4.7	5.8	5.1								26
27	5.0	4.3	4.7	5.7	5.1								27
28	4.7	4.3	4.7	5.6	5.1								28
29	4.6		4.7	5.5	5.1								29
30	4.5		4.7	5.4	5.0								30
31	4.5		5.0		5.1								31
TOTAL	141.3	123.2	142.7	190.7	173.2								TOTAL
MEAN	4.55	4.4	4.6	6.35	5.58								MEAN
AC-FT	280.26	244.36	283.04	378.25	343.54								AC-FT
MAX	6.0	4.5	5.5	9.0	8.4								MAX
MIN	4.0	4.3	4.3	5.2	5.0								MIN

## SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, CFS

MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON CLARKE TWP SIDE ROAD 30-31,  
ABOUT 0.5 MILE NORTH OF THE COMMUNITY OF LESKARD.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 4.2 SQUARE MILES.

REMARKS: NATURAL STREAMBED CONTROL.

STATION DISCONTINUED JUNE 1978.

## WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1965

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01											9.0	11.0	01
02											8.7	11.0	02
03											8.9	12.2	03
04											8.5	13.2	04
05											8.6	11.4	05
06											8.7	11.0	06
07											9.3	11.2	07
08											11.8	10.5	08
09											10.0	10.7	09
10											9.4	10.8	10
11											9.4	10.5	11
12											9.3	11.2	12
13											12.9	18.9	13
14											10.0	14.1	14
15											9.8	12.1	15
16											20.7	11.3	16
17											25.5	11.0	17
18											12.9	10.9	18
19											11.7	11.0	19
20											13.6	10.6	20
21											15.1	9.9	21
22											13.1	9.5	22
23											13.0	10.8	23
24											12.1	20.7	24
25											12.0	20.2	25
26											12.5	12.2	26
27											24.9	12.1	27
28											13.1	11.5	28
29											8.0	11.4	29
30											8.3	10.8	30
31											8.8	16.7	31
TOTAL											366.7	381.6	TOTAL
MEAN											12.22	12.3	MEAN
AC-FT											727.34	750.9	AC-FT
MAX											25.5	20.7	MAX
MIN											8.5	9.5	MIN

## SUMMARY FOR THE YEAR 1965

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, CFS

MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,  
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

## WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1966

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	14.4	8.5 B	117.0	11.3	10.5	8.5	6.3	5.5	6.3	8.2	8.5	11.7	01
02	11.8	8.4 B	31.4	11.6	10.1	8.4	6.3	6.9	6.1	7.9	12.7	9.1 B	02
03	12.8	8.4 B	24.3	11.3	10.8	8.3	6.2	6.2	6.2	7.4	16.3	8.7 B	03
04	11.5	8.8 B	21.7	11.0	10.7	8.2	6.4	5.8	13.4	8.2	10.4	9.9 B	04
05	11.1	9.2 B	51.7	11.2	10.3	9.0	6.2	5.6	8.4	7.8	9.7	10.2 B	05
06	11.2	9.3 B	18.4	11.3	10.3	8.6	7.0	5.9	7.7	7.4	9.5	14.4	06
07	11.0	8.9 B	13.1 B	13.3	9.9	8.8	6.8	5.7	7.3	7.1	9.5	41.5	07
08	10.2 B	8.6 B	15.8 B	12.3	9.6	8.4	6.0	5.7	6.9	7.1	12.5	25.6	08
09	14.8 B	9.0 B	13.1	12.1	8.9	11.9	5.8	5.6	6.7	7.1	22.9	16.5	09
10	13.1 B	14.4	15.0	12.5	9.0	12.7	5.7	5.7	6.5	8.4	26.3	25.5	10
11	8.1 B	56.1	13.6	12.1	9.0	9.6	5.7	7.7	6.4	7.9	15.7	16.5	11
12	8.4 B	19.8	12.7	11.9	12.6	8.9	5.6	6.8	6.4	7.9	12.3	12.9	12
13	8.7 B	13.8	20.1	12.2	12.5	8.6	5.4	6.2	6.4	7.6	11.2	12.1	13
14	9.9 B	12.2	18.3	12.3	9.6	9.0	5.4	6.2	6.6	7.4	10.8	11.9	14
15	10.2 B	11.4 B	14.5	12.0	9.0	10.9	5.3	6.3	6.8	8.7	10.3	11.7	15
16	9.2 B	11.4 B	13.3	11.6	11.1	10.4	5.2	8.0	6.6	11.3	10.3	11.8	16
17	10.1 B	11.0 B	13.5	11.4	10.5	8.9	5.1	6.8	6.5	8.7	10.2	12.1	17
18	8.4 B	11.0 B	17.7	11.4	10.1	7.5	5.2	6.4	6.4	8.6	10.2	12.0	18
19	7.7 B	11.0 B	20.0	11.6	19.6	7.3	5.4	6.2	6.4	8.7	9.7	10.2 B	19
20	8.5 B	11.0 B	15.6	15.3	12.4	7.3	5.2	6.0	6.3	8.7	9.4	10.2 B	20
21	8.7 B	10.6 B	14.0	14.2	11.7	7.2	5.2	5.9	9.1	8.3	9.6	9.5 B	21
22	8.8 B	10.6 B	19.8	12.3	10.2	7.1	5.0	9.3	10.8	8.3	9.6	9.5 B	22
23	9.0 B	9.7 B	18.1	11.6	9.6	6.9	5.0	8.7	8.6	8.2	9.7	9.5 B	23
24	9.1 B	6.7 B	18.0	12.2	9.5	6.8	5.0	7.1	7.8	8.0	10.7	9.9 B	24
25	9.0 B	5.8	14.2	11.4	9.2	6.6	5.2	7.1	7.1	8.0	19.2	9.1 B	25
26	8.9 B	6.1	12.8	10.7	8.8	6.7	5.3	7.2	6.9	8.0	12.6	9.5 B	26
27	9.3	6.6	11.4 B	10.6	8.6	6.5	5.5	6.6	6.9	8.2	11.2	9.5 B	27
28	9.3	9.4	11.4 B	11.4	8.5	6.5	6.3	6.5	6.9	8.2	27.6	9.3 B	28
29	9.1	11.0 B	11.4 B	8.5	6.4	5.9	6.4	9.8	8.1	23.3	9.6 B	29	
30	8.8		12.2	10.9	8.6	6.4	5.6	6.7	10.7	8.0	13.0	9.7	30
31	8.6 B		11.4		8.5		5.5	6.8		8.3		9.8	31
TOTAL	309.7	327.7	635.1	356.4	318.2	248.3	175.7	203.5	224.9	251.7	394.9	399.4	TOTAL
MEAN	9.99	11.7	20.48	11.88	10.26	8.27	5.66	6.56	7.49	8.11	13.16	12.88	MEAN
AC-FT	614.28	649.99	1259.72	706.91	631.14	492.5	348.5	403.64	446.08	499.24	783.28	792.2	AC-FT
MAX	14.8	56.1	117.0	15.3	19.6	12.7	7.0	9.3	13.4	11.3	27.6	41.5	MAX
MIN	7.7	5.8	11.0	10.6	8.5	6.4	5.0	5.5	6.1	7.1	8.5	8.7	MIN

## SUMMARY FOR THE YEAR 1966

MEAN DISCHARGE, 10.5 CFS

TOTAL DISCHARGE, 7630 AC-FT

MAXIMUM DAILY DISCHARGE, 117.0 CFS

MINIMUM DAILY DISCHARGE, 5.0 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,

ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	10.0	12.0 B	9.9 B	29.7	11.4	9.9 E	13.2	9.2	8.5 E	10.3	10.9	10.3 B	01
02	10.1	12.1	10.2 B	30.0	15.5	9.9 E	13.7	9.2	8.6	9.8	23.3	10.4 B	02
03	10.1	12.2 B	9.8 B	37.0	15.7	9.5 E	12.5	10.2 E	8.4	9.8	15.3	10.8	03
04	10.2	12.4 B	9.7	17.3	12.6	9.5 E	10.4	10.7	8.1	9.7	13.8	10.9	04
05	10.2	11.9 B	9.7	18.4	12.1	9.5 E	9.8	9.3	8.0	9.5	12.5	11.2	05
06	9.9 B	11.4 B	9.7	23.2	11.7	9.5 E	9.4	8.8	7.9	9.2	11.3	11.3	06
07	11.4 B	11.5 B	9.7	17.2	12.8	9.5 E	9.1	8.9	7.8	9.1	11.5	11.5	07
08	10.1	11.5 B	9.8 B	15.8	17.7	11.8 E	9.1	9.3	8.0	9.2	11.2	12.9	08
09	10.1	11.4 B	9.7 B	16.1	14.3	11.1	9.6	12.1	8.2	9.9	11.7	12.2	09
10	10.2	11.4 B	10.1	21.5	12.9	17.3 E	9.3	13.0	8.1	9.4	11.4	11.5	10
11	10.1 B	11.3 B	19.0	14.8	14.2	19.4 E	9.1	9.6	7.9	9.2	13.2	12.7	11
12	11.1 B	11.0 B	23.3	13.9	14.3	15.4 E	9.8	9.1	8.0	9.1	21.4	27.2	12
13	10.3	10.9 B	15.9	14.0	12.1	10.4	9.2	8.8	7.9	9.0	16.4	17.2	13
14	10.3	10.9 B	18.9	17.1	11.3	9.7	8.8	8.8	8.0	9.8	12.9	14.1	14
15	10.2	10.8 B	19.6	21.3	11.8	11.4	8.8	8.7	7.8	9.6	12.1	13.4	15
16	10.0 B	12.5 B	13.5 B	16.6	11.1	10.3	8.7	8.5 E	7.8	15.5	11.8 B	13.2	16
17	10.2 B	10.7 B	12.2 B	16.4	10.7	12.8	8.7 E	8.5 E	7.8 E	14.6	12.6	13.4	17
18	10.2 B	10.0 B	11.4 B	16.6	10.7	11.4	8.7 E	9.0	7.8	20.5	16.7	17.0	18
19	10.2 B	10.0 B	11.0 B	14.3	16.7	9.5	8.8	9.1	7.9	27.6	14.2	20.0	19
20	10.2 B	9.9 B	11.4 B	13.6	12.9	9.1	8.7	10.1	8.0	13.3	12.3	15.0	20
21	10.2 B	9.9 B	11.4 B	13.5	11.7	9.6	8.6	9.0	11.8	12.1	11.9	37.9	21
22	10.2	9.9 B	11.0	25.4	12.2	24.3	8.4	8.9	10.6	11.3	12.7	28.9	22
23	13.5	10.1	10.8	15.1	11.5	11.4	9.8	8.5 E	9.0	11.0	15.7	16.3	23
24	18.1	10.0 B	11.4	13.9	10.9	10.8	9.7	8.6	9.5	10.8	12.9	14.7	24
25	45.3	9.3 B	11.8	13.2	10.6	13.6	9.1	8.6	8.9	13.5	12.3	14.8	25
26	17.3	9.3 B	29.4	12.7	10.3	10.7	8.5	8.8	8.7	12.8	13.1	13.9 B	26
27	13.9 B	9.5 B	53.6	12.4	10.2	9.9	9.7 E	9.3	8.9	11.9	11.7	13.0 B	27
28	13.5 B	9.6 B	38.2	12.0	9.9 E	9.6	11.3	9.7	23.4	13.5	10.7	12.1 B	28
29	12.9 B	41.0	11.8	9.9 E	11.2	9.0	9.0	17.0	11.5	10.4	10.1 B	29	
30	11.6 B	29.7	11.4	9.9 E	12.8	8.8	9.3	11.0	11.0	10.3	10.0 B	30	
31	11.8 B		30.1		9.9 E		9.9	9.7		11.3		11.2 B	31
TOTAL	383.4	303.4	532.9	526.2	379.5	350.8	298.2	290.3	279.3	364.8	398.2	459.1	TOTAL
MEAN	12.36	10.83	17.19	17.54	12.24	11.69	9.61	9.36	9.31	11.76	13.27	14.8	MEAN
AC-FT	760.47	601.79	1057.0	1043.71	752.73	695.81	591.47	575.81	553.99	723.58	789.82	910.62	AC-FT
MAX	45.3	12.5	53.6	37.0	17.7	24.3	13.7	13.0	23.4	27.6	23.3	37.9	MAX
MIN	9.9	9.3	9.7	11.4	9.9	9.1	8.4	8.5	7.8	9.0	10.3	10.0	MIN

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, 12.5 CFS

TOTAL DISCHARGE, 9060 AC-FT

MAXIMUM DAILY DISCHARGE, 53.6 CFS

MINIMUM DAILY DISCHARGE, 7.8 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,

ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	10.7	18.9	9.7	18.3	11.7	11.1	9.3	8.7	7.7	8.0	9.7	13.0	01
02	10.9	56.5	9.8	10.2	11.8	10.9	8.5	7.3	8.7	8.0	9.7	13.4	02
03	10.7	29.1	9.4 B	15.9	12.0	10.8	8.7	7.1	8.4	14.3	9.7	13.8	03
04	10.2	17.2 B	9.5 B	29.1	11.7	10.2	8.3	7.0	7.7	10.1	9.7	20.9	04
05	9.8	14.6 B	9.5 B	18.1	11.4	9.9	8.5	6.6	9.2	9.6	9.7	17.0	05
06	9.2	13.4 B	9.5	15.4	10.7	9.7	8.3	10.9	31.6	9.4	9.8	13.5	06
07	8.6	12.7 B	9.5	15.0	10.2	10.0	8.0	8.6	11.0	10.7	13.3	12.6	07
08	8.4	12.2 B	10.0	14.8	9.8	10.1	8.0	9.8	9.6	9.9	13.1	11.3 B	08
09	8.0	11.9 B	11.2	14.6	13.1	9.9	8.2	11.4	9.5	9.4	12.2	10.5 B	09
10	7.7	11.6 B	14.7	13.9	13.0	9.7 E	8.5	8.7	9.3	9.4	12.5	10.2 B	10
11	7.5	11.2 B	18.0	13.7	10.8	10.1	8.0	8.2	10.7	9.3	11.3	10.9 B	11
12	7.1	10.8 B	16.4	13.4	13.9	10.5	7.8	8.2	9.8	9.2	10.7	11.8 B	12
13	6.8	10.4 B	14.4	13.0	12.7	10.1	7.5	8.2	8.7	9.1	10.7	16.1	13
14	6.7	10.0 B	15.4 B	12.8	10.8	9.5	7.5	7.8	8.4	9.2	10.3	13.1 B	14
15	6.5	9.6 B	11.2	12.6	12.0	9.7	7.4	7.6	8.4	9.5	14.0	10.9 B	15
16	6.5	9.6 B	29.6	11.9	17.1	9.5	7.6	8.2	8.4	9.6	12.5	9.6 B	16
17	8.2	9.2 B	55.6	11.8	15.3	9.4	7.5	10.0	8.2	9.6	11.2	9.8 B	17
18	7.7	7.8 B	67.2	11.5	12.4	9.4	7.4	8.3 E	8.2	10.0	14.3	10.0 B	18
19	8.2	7.1 B	52.0	11.3	12.5	11.2	8.2	8.3	8.1	19.3	12.7	10.2 B	19
20	8.4	6.7 B	46.4	11.2	23.8	9.8	7.8	10.2	7.9	12.1	11.5	10.4	20
21	8.7	9.1 B	35.2	11.2	13.8	9.7	7.8	8.3	8.1	11.0	11.4	10.5	21
22	8.8	9.7	23.3	11.0	12.8	12.3	7.6	20.1	8.1	10.7	13.7	10.7	22
23	9.1	9.5 B	21.2	10.9	11.4	10.2	7.4	13.0	8.1 E	10.5	13.8	12.1	23
24	8.9 B	9.3 B	17.0	12.6	11.0	9.8	7.7	10.1	8.5	10.3	16.2	11.1 B	24
25	8.5 B	9.4 B	17.5 B	12.5	10.6	10.0	7.5	9.1	8.8	10.3	13.4	10.8 B	25
31	12.9		19.3		11.7		7.5	7.7		9.6		11.2 B	31
TOTAL	277.1	376.2	698.7	408.1	389.9	316.7	242.7	281.0	283.0	318.2	384.3	372.6	TOTAL
MEAN	8.93	12.97	22.53	13.6	12.57	10.55	7.82	9.06	9.43	10.26	12.81	12.01	MEAN
AC-FT	549.62	746.19	1385.87	809.46	773.36	628.17	481.39	557.36	561.33	631.14	762.25	739.05	AC-FT
MAX	15.4	56.5	67.2	29.1	23.8	17.8	9.3	20.1	31.6	19.3	25.6	20.9	MAX
MIN	6.5	6.7	9.4	10.1	9.8	9.4	7.1	6.6	7.7	8.0	9.7	9.6	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 11.9 CFS  
 TOTAL DISCHARGE, 8630 AC-FT  
 MAXIMUM DAILY DISCHARGE, 67.2 CFS  
 MINIMUM DAILY DISCHARGE, 6.5 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,  
 ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 10.5 SQUARE MILES.

B - ICE CONDITIONS  
 E - ESTIMATED

NATURAL FLOW

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

## WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.1 B	18.8	9.8	13.2 B	11.7	9.7	10.6	12.6	10.3	9.3	11.6	12.0	01
02	11.2 B	15.0	9.8	45.0	11.6	18.4	9.0	12.7	10.2	9.9	29.6	13.6 B	02
03	11.2 B	14.0	9.9	17.7	12.3	16.1	9.6	11.6	10.1	9.9	16.3	12.4 B	03
04	11.3	12.2 B	9.8 B	19.7	11.2	12.8	9.4	9.5	9.9	9.8	14.1	12.5 B	04
05	11.4	11.4 B	9.6 B	30.4	10.9	12.8	9.9	10.3	9.6	12.8	12.1 B	05	
06	11.5 B	10.7 B	9.6 B	20.0	10.7	12.1	9.0	9.0	10.5	9.6	12.6	12.0 B	06
07	11.4 B	10.2 B	9.4 B	19.6	10.8	11.1	8.5	8.8	10.4	10.2	12.7	12.3	07
08	11.3 B	10.0 B	9.3 B	18.0	10.2	10.2	8.4	9.0	9.7	10.6	12.2	14.5	08
09	11.3 B	10.0 B	9.4	18.4	15.3	9.9	8.3	8.7	9.2	10.1	12.0	13.3	09
10	11.3 B	10.1 B	9.1 B	26.2	14.1	9.4	8.6	8.6	9.2	9.9	11.9	13.0	10
11	11.1 B	10.2 B	8.6 B	17.1	18.9	9.2	12.5	8.3	9.3	9.9	12.1	23.8	11
12	10.7 B	10.2 B	8.7 B	15.4	13.4	9.1	13.2	8.0	9.2	9.6	12.9	16.2	12
13	10.4 B	10.0 B	8.8	15.0	13.2	11.0	10.0	7.9	9.0	9.7	12.6	14.3	13
14	10.2 B	10.0 B	8.8	14.9	12.3	9.3	9.2	7.9	8.9	11.4	18.8	13.8	14
15	10.0 B	9.9 B	9.3	15.0	11.3	9.7	8.9	7.7	9.0	10.5	14.4	13.2	15
16	9.9 B	9.8 B	9.9	15.8	10.9	10.1	8.5	31.5	9.4	12.6	12.7	13.0 B	16
17	9.8 B	9.7 B	22.4	17.2	11.1	9.2	8.4	31.6	9.7	11.4	12.5	12.9 B	17
18	14.0	9.4 B	51.4	30.7	18.5	10.7	8.1	14.7	9.2	10.2	13.7	12.9	18
19	13.1	8.9 B	34.6	17.6	20.3	10.3	7.8	28.4	9.1	11.1	18.0	13.0	19
20	11.4	9.1	25.3	14.3	14.2	9.6	7.7	13.3	9.0	20.1	14.0	12.6 B	20
21	10.9	9.5	51.5	13.7	12.4	9.1	8.3	11.8	9.1	13.0	12.3	12.9 B	21
22	10.8	9.7	23.0	14.0	11.8	9.0	8.6	11.1	9.0	11.8	11.7	12.6 B	22
23	11.7	9.7	23.9	19.8	11.4	10.0	8.0	11.0	9.2	11.2	12.4	12.3 B	23
24	46.8	9.9	38.7	15.0	11.0	10.1	8.3	10.6	9.8	11.9	12.1	13.2 B	24
25	28.1 B	9.9	46.6	13.2	11.4	9.5	20.6	10.7	9.5	12.1	14.6 B	25	
26	14.7 B	9.9	22.8	12.7	10.9	8.9	14.1	10.7	9.4	11.3	12.4	14.0 B	26
27	12.7 B	9.9	16.0 B	12.5	10.3	8.7	13.3	10.4	9.5	11.5	12.1	13.5 B	27
28	12.5 B	9.8	15.5 B	14.8	10.7	8.4	27.2	10.4	9.3	11.2	11.6	13.0 B	28
29	12.6 B	18.7	13.7	10.8	8.5	15.8	10.4	9.4	11.1	12.0	12.6 B	29	
30	37.6		14.6	12.2	9.9	10.1	11.7	10.5	9.2	11.0	12.0	12.0 B	30
31	38.2		13.6 B	8	9.5		10.6	10.4		10.9		11.8 B	31
TOTAL	460.2	297.9	568.4	542.8	396.9	313.0	332.1	377.0	285.0	342.4	408.2	415.9	TOTAL
MEAN	14.84	10.63	18.33	18.09	12.8	10.43	10.71	12.16	9.5	11.04	13.6	13.41	MEAN
AC-FT	912.8	590.88	1127.42	1076.64	787.25	620.83	658.72	747.77	565.29	679.15	809.66	824.93	AC-FT
MAX	46.8	18.8	51.5	45.0	26.3	18.4	27.2	31.6	10.5	20.1	29.6	23.8	MAX
MIN	9.8	8.9	8.6	12.2	9.5	8.4	7.7	7.7	8.9	9.3	11.6	11.8	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 13.0 CFS  
 TOTAL DISCHARGE, 9400 AC-FT  
 MAXIMUM DAILY DISCHARGE, 51.5 CFS  
 MINIMUM DAILY DISCHARGE, 7.7 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,  
 ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 10.5 SQUARE MILES.  
 REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS  
 E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.6 B	9.6	8.3	14.1	13.9	9.8	8.0	11.9	9.3	9.6	19.4	13.4	01
02	11.4 B	9.7	8.3	20.0	12.8	9.7	8.6	9.5	9.0	9.9	14.9	13.2	02
03	11.2 B	11.5 B	6.3	18.2	12.3	9.5	8.3	9.3	10.6	10.3	13.3	12.9	03
04	10.9 B	10.3 B	11.5	16.2	12.2	9.1	8.4	8.9	10.6	10.3	12.8	16.0	04
05	10.8 B	10.4 B	12.9	15.8	12.1	8.8	7.9	8.9	9.6	9.8	12.6	13.2	05
06	10.7 B	9.5 B	10.9	17.0	11.8	8.7	7.2	8.6	9.1	9.6	12.4	12.9	06
07	10.7 B	9.1	10.4	21.6	11.5	8.8	6.7	8.4	8.7	9.7	12.3	14.1 B	07
08	10.6 B	9.0	9.9 B	29.3	13.5	8.8	6.9	8.3	9.5	9.7	12.2	13.0 B	08
09	10.8 B	8.9	10.5 B	29.7	12.6	8.5	7.5	8.1	10.1	9.7	12.1	18.8	09
10	9.3 B	9.1	10.1 B	17.7	11.8	8.6	17.2	8.0	9.4	10.0	16.4	15.7	10
11	9.4 B	9.0 B	9.5 B	15.4	11.2	11.5	12.3	8.0	8.9	10.0	15.3	12.8	11
12	9.7 B	8.9 B	9.3	16.0	10.8	10.0	10.6	8.1	8.6	11.5	16.0	11.5 B	12
13	9.9 B	8.1 B	17.6	11.0	8.9	9.7	7.9	8.9	11.9	13.8	12.2	13	
14	10.0 B	8.0 B	9.3	20.5	10.5	8.7	10.4	7.9	9.0	13.0	12.8	12.2	14
15	10.3 B	7.9 B	9.2	19.4	11.8	9.0	12.2	7.9	9.0	11.7	12.8	12.2	15
16	11.3 B	7.8 B	9.2	17.7	22.3	9.1	11.2	8.2	9.9	10.9	12.3	12.2	16
17	10.9 B	8.1 B	9.4	18.8	18.1	10.2	10.2	8.0	9.0	10.7	12.5	12.0 B	17
18	10.8 B	8.6	10.1	17.8	12.8	9.8	9.7	8.0	10.9	10.7	12.4	12.1 B	18
19	10.3 B	8.6	11.3	16.1	11.6	9.1	9.9	9.8	10.6	12.3	12.3 B	19	
20	9.8 B	8.7 B	13.0	34.2	10.6	9.1	21.3	9.3	9.2	10.8	23.6	12.3 B	20
21	8.9 B	8.7 B	14.1	23.3	10.0	8.8	13.8	8.6	8.8	15.4	16.3	11.9 B	21
22	9.1 B	8.8 B	15.2	18.5	11.3	8.5	11.2	8.5	8.8	18.6	15.2	11.5 B	22
23	8.3 B	8.6	16.5	17.1	10.8	8.3	10.5	8.5	8.8	13.1	13.7	11.2 B	23
24	6.8 B	8.7	15.6	20.2	10.1	8.3	10.2	8.3	8.8	12.3	11.0 B	24	
25	6.7 B	8.6 B	16.3	17.8	10.7	8.4	10.1	8.2	11.1	12.1	12.6	10.7 B	25
26	7.3 B	8.4 B	20.2	14.9	12.8	8.8	10.0	8.3	11.2	11.9	13.2	10.5 B	26
27	7.7 B	8.3 B	18.5	13.7	10.7	14.2	9.9	8.1	11.9	11.8	14.3	10.2 B	27
28	8.2 B	8.3 B	15.1	12.8	10.3	9.1	9.8	8.3	10.0	11.7	18.7	9.7 B	28
29	9.4		12.7 B	12.8	9.9	9.1	9.6	8.2	9.7	11.7	14.8	8.1 B	29
30	10.0 B		15.6	12.5	9.7	8.0	9.1	11.6	10.0	15.7	14.3	8.0 B	30
31	8.9 B		13.3		9.6		9.0	12.0			26.0	8.7 B	31
TOTAL	301.7	249.2	373.8	556.7	371.1	277.2	317.4	271.6	286.9	371.0	428.0	376.5	TOTAL
MEAN	9.73	8.9	12.05	18.55	11.97	9.24	10.23	8.76	9.56	11.96	14.26	12.14	MEAN
AC-FT	598.42	494.28	741.43	1104.21	736.07	549.82	629.56	538.71	569.06	735.87	848.93	746.78	AC-FT
MAX	11.6	11.5	20.2	34.2	22.3	14.2	21.3	12.0	11.9	26.0	23.6	18.8	MAX
MIN	6.7	7.8	8.3	12.5	9.6	8.0	6.7	7.9	8.6	9.6	12.1	8.0	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 11.5 CFS

TOTAL DISCHARGE, 8290 AC-FT

MAXIMUM DAILY DISCHARGE, 34.2 CFS

MINIMUM DAILY DISCHARGE, 6.7 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,

ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	8.3 B	10.6 B	13.3	12.8	15.2	10.3	9.4	8.2	8.5	9.6	10.2	10.5	01
02	8.4 B	10.5 B	12.7	25.7	15.8	12.4	8.9	8.0	8.5	9.6	10.3	10.5	02
03	7.8 B	10.4 B	12.3	18.7	14.7	16.3	8.7	8.0	8.6	9.5	10.1	10.8	03
04	8.3 B	10.4 B	11.1 B	15.4	13.9	12.3	8.6	7.8	8.7	9.8	10.0	10.8	04
05	8.6 B	13.0 B	13.8	15.3	13.5	11.3	9.1	7.7	8.8	9.5	10.1	10.4	05
06	8.2 B	12.5 B	12.2	17.2	13.3	11.2	26.5	7.5	8.6	9.9	10.4	14.0	06
07	8.3 B	11.9 B	12.4	20.9	12.9	11.0	11.4	7.4	9.8	11.0	14.6	14.6	07
08	8.1 B	11.4 B	11.9 B	21.1	13.3	12.2	10.2	7.4	8.8	9.6	10.2	12.8	08
09	7.8 B	10.1 B	11.7 B	28.7	13.7	11.2	9.6	7.5	8.4	11.8	10.2	17.6	09
10	8.2	10.4 B	11.7 B	32.2	12.7	10.4	9.2	8.0	8.1	13.3	11.4	20.2	10
11	7.9 B	10.5 B	11.7 B	25.4	12.3	10.2	9.0	8.2	8.3	11.0	11.1	16.0	11
12	8.5 B	10.7 B	11.7 B	25.7	13.3	10.1	8.8	7.7	8.4	10.6	11.1	13.0	12
13	10.0 B	10.5 B	11.7	33.9	12.7	15.9	10.2	7.7	9.0	10.4	11.2	12.2	13
14	10.8 B	10.5 B	11.8	23.8	11.9	11.7	9.6	7.9	8.7	12.1	10.7	11.8	14
15	9.6 B	10.7 B	14.6	20.2	11.6	10.6	9.0	7.8	8.5	10.8	13.0	19.0	15
16	9.3 B	10.0 B	15.7	21.3	12.1	10.4	8.8	7.6	8.4	10.3	11.2	15.7	16
17	11.2 B	10.0 B	13.4	21.4	11.8	10.1	9.5	7.5	8.7	10.0	10.9	13.0	17
18	11.0 B	10.2 B	12.7	22.8	11.4	9.8	8.6	7.5	8.4	9.9	10.8	11.1	18
19	10.6 B	10.5	13.0	23.8	11.4	9.3	8.8	7.4	8.4	9.7	11.8	11.7	19
20	10.3 B	13.2	12.9	22.4	12.3	9.0	8.7	7.5	10.4	9.5	12.1	12.8	20
21	9.9 B	13.3	12.4	21.3	11.5	9.1	8.4	7.5	12.7	9.5	12.5	12.3	21
22	9.6 B	12.1	12.2	20.3	11.2	8.7	8.6	8.0	10.5	9.5	11.0	10.9	22
23	9.4 B	13.6	12.1	18.5	11.0	8.6	9.2	10.1	10.2	10.1	10.0	11.4	23
24	9.3 B	12.2	11.6 B	17.4	11.1	8.8	9.2	8.2	9.9	10.2	10.2	13.4	24
25	9.2 B	11.9	11.9 B	16.7	12.7	12.1	8.9	8.3	9.7	13.4	10.6	11.9	25
26	9.4 B	12.7	11.3 B	16.5	12.1	10.3	11.8	11.0	9.7	11.6	10.8	11.8	26
27	9.2 B	18.8	11.2	16.0	13.2	9.9	9.8	13.0	9.8	11.1	12.3	11.5	27
28	9.4 B	15.9	11.3	16.2	11.8	18.0	8.6	10.9	10.0	10.7	12.7	12.0	28
29	9.6 B	11.2	16.8	11.0	10.9	9.0	9.6	10.1	10.4	11.5	11.5	11.5	29
30	9.6 B	11.0	15.7	10.7	9.8	8.4	8.9	9.7	10.3	11.2	9.6	30	
31	9.9 B		11.5		10.5		8.3	8.7		10.2		11.5	31
TOTAL	285.7	328.5	380.0	624.1	386.6	331.9	302.8	258.5	284.3	323.7	330.6	396.3	TOTAL
MEAN	9.21	11.73	12.25	20.8	12.47	11.06	9.76	8.33	9.47	10.44	11.02	12.78	MEAN
AC-FT	566.68	651.57	753.73	1237.9	766.82	658.32	600.6	512.73	563.9	642.05	655.74	786.06	AC-FT
MAX	11.2	18.8	15.7	33.9	15.8	18.0	26.5	13.0	18.4	13.4	13.0	20.2	MAX
MIN	7.8	10.0	11.0	12.8	10.5	8.6	8.3	7.4	8.1	9.5	10.0	9.6	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 11.6 CFS

TOTAL DISCHARGE, 8400 AC-FT

MAXIMUM DAILY DISCHARGE, 33.9 CFS

MINIMUM DAILY DISCHARGE, 7.4 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,

ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	11.6 B	9.3 E	11.1	15.0	16.8	12.3	11.6	8.8	10.2	11.9	12.6	12.3 E	01
02	11.6	9.3 E	11.3 B	16.3	20.2	12.8	10.1	12.5	10.3	11.4	15.3	12.3 E	02
03	11.4	9.6 E	11.0 B	18.3	23.0	11.4	9.8	12.1	10.4	10.7	14.0	12.3 E	03
04	11.3	9.6 E	10.9 B	17.7	16.8	11.0	9.5	10.0	9.9	10.3	13.0	12.3 E	04
05	10.9 B	9.3 E	10.8 B	15.1	15.8	10.3	9.0	9.5	9.7	10.0	13.0	12.3 E	05
06	10.7 B	9.3 E	10.7 B	14.0	17.0	10.5	8.9	9.5	9.6	12.0	12.3	18.0 E	06
07	10.9 B	9.3 E	10.7 B	13.5 B	15.9	10.3	8.9	13.4	9.5	13.0	12.7	14.8 B	07
08	10.9 B	9.3 E	10.5 B	13.4 B	14.7	10.7	8.7	15.1	19.1	10.9	23.0	13.8 B	08
09	11.9 B	9.3 E	10.1 B	13.8	14.0	11.5	8.7	16.7	11.7	10.8	16.0	13.9	09
10	12.3	9.3 E	10.3 B	16.4	13.4	9.7	9.9	12.5	16.3	10.5	14.0	13.9	10
11	11.7	9.3 E	10.4 B	34.0	13.3	9.5	9.9	11.5	9.9	10.5	13.7	13.4 B	11
12	11.4	9.3 E	10.9 B	40.4	13.0	9.6	9.1	12.3	9.8	10.4	13.4	13.5 B	12
13	11.6	10.1 E	10.8	82.7	12.7	9.7	10.8	11.6	10.0	10.3	13.1	34.5 B	13
14	11.4 B	12.3 E	11.0	53.4	15.3	9.9	12.2	11.4	9.9	10.4	12.9	16.9	14
15	11.3 B	10.1 E	10.6	33.3	10.1	9.8	21.7	10.9	9.4	10.7	12.8	14.8	15
16	11.2 B	9.6 E	12.0	30.0	14.9	9.3	18.1	10.8	9.3	10.6	12.5	14.3 E	16
17	11.2 B	9.6 E	14.2	48.7	14.8	9.0	11.8	11.3	9.1	10.7	12.7	13.8 E	17
18	11.1 B	9.3 E	12.8	34.9	14.4	8.8	11.6	10.7	9.0	10.6	12.9	13.1 E	18
19	12.5	9.6 E	11.6 B	28.6	12.7	8.8	11.0	9.8	9.0	10.6	13.0	12.7 E	19
20	11.4	9.6 E	11.2	28.8	11.6	8.8	10.8	9.4	8.9	10.4	13.4	12.3	20
21	11.0 B	10.1 E	11.0	23.2	11.8	10.7	10.5	9.4	9.0	10.6	12.6	12.2	21
22	11.5	9.9 B	17.8	26.0	11.7	17.0	10.7	9.4	8.7	13.5	12.1	12.2	22
23	14.2	9.5 B	16.1	24.5	11.2	19.7	12.3	16.6	8.7	28.4	12.1	12.5	23
24	11.9	9.9 B	13.7	21.5	10.6	19.8	10.7	12.7	10.2	16.0	12.4	12.8	24
25	12.4 B	10.1 B	12.5 B	19.8	10.6	13.9	10.7	11.5	9.6	13.9	12.3 E	12.8	25
26	10.8 B	10.5	12.2 B	19.3	10.6	14.4	10.1	10.5	13.1	13.0	14.7 E	12.9	26
27	10.2 B	10.5	12.0	18.7	10.7	13.9	9.6	16.9	10.7	12.5	14.3 E	13.0	27
28	10.0 B	10.8	11.9	18.5	10.7	11.7	9.3	14.0	9.4	13.1	13.5 E	12.6	28
29	9.7 B	10.8	12.5	18.2	10.5	11.3	9.1	11.3	10.8	16.4	12.7 E	12.7 B	29
30	9.5 B		13.6	17.0	12.2	13.3	8.9	10.6	18.0	13.8	12.3 E	13.0 B	30
31	9.3 E		14.0		13.0		8.9	10.4		12.8		19.6 B	31
TOTAL	348.8	284.5	370.2	775.0	430.0	349.4	332.9	363.1	313.2	380.7	405.3	441.5	TOTAL
MEAN	11.25	9.81	11.94	25.83	13.87	11.64	10.73	11.71	10.44	12.28	13.51	14.24	MEAN
AC-FT	691.84	564.3	734.29	1537.21	852.9	693.03	660.3	720.2	621.23	755.11	803.91	875.71	AC-FT
MAX	14.2	12.3	17.8	82.7	23.0	19.8	21.7	16.9	19.1	28.4	23.0	34.5	MAX
MIN	9.3	9.3	10.1	13.4	10.5	8.8	8.7	8.8	8.7	10.0	12.1	12.2	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 13.1 CFS  
 TOTAL DISCHARGE, 9510 AC-FT  
 MAXIMUM DAILY DISCHARGE, 82.7 CFS  
 MINIMUM DAILY DISCHARGE, 8.7 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,  
 ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 10.5 SQUARE MILES.

B - ICE CONDITIONS  
 E - ESTIMATED

NATURAL FLOW

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

## WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	21.0	13.8 B	10.7 B	35.8	14.0	13.1	10.2	14.0	9.1	9.0	21.4	12.3	01
02	15.3	48.6 B	11.4	24.4	15.1	12.2	9.8	11.2	9.0	10.0	15.0	11.8	02
03	14.4	26.8	20.3	23.3	17.3	11.5	9.6	9.5	8.9	13.3	15.3	12.3	03
04	16.1	15.7	88.1	18.6	14.6	11.8	9.6	9.0	8.9	10.5	12.5	12.9	04
05	14.7	14.5	23.5	19.6	13.9	13.6	10.4	8.9	8.9	11.2	14.0	14.4	05
06	13.1 B	13.7 B	55.1	16.1	13.1	12.3	9.3	8.7	8.8	10.0	12.1	13.1	06
07	12.6 B	13.6	61.1	15.2	12.4	14.3	9.1	8.4	8.7	10.0	12.4	12.5	07
08	12.1 B	13.6 B	31.6	14.7	15.3	11.6	8.9	8.3	8.8	9.6	13.2	11.9	08
09	11.5 B	13.5 B	19.6	14.1	19.5	11.0	8.7	8.3	8.7	9.3	12.4	12.3	09
10	10.8 B	13.4 B	19.7	14.7	15.2	10.5	8.6	8.4	8.6	9.3	11.3	12.7	10
11	10.1 B	13.0 B	41.6	14.6	17.9	10.3	8.6	8.3	8.4	9.5	11.5	12.4	11
12	9.9	13.0 B	25.3	14.1	14.5	10.2	8.4	8.1	8.4	9.7	12.0	12.2	12
13	10.1 B	13.0 B	18.9	13.8	13.4	9.8	8.6	8.1	8.4	10.6	12.1	12.2	13
14	10.4 B	12.6 B	17.4	13.8	13.0	9.1	9.6	8.0	8.5	12.0	11.6	11.9	14
15	10.7	12.6 B	20.7	13.9	13.3	8.9	8.6	8.0	8.5	10.4	19.8	9.9 B	15
16	10.6	12.2 B	18.7	14.0	13.0	9.2	8.4	7.9	8.5	10.6	16.5	11.5 B	16
17	11.1	12.2 B	37.4	14.2	13.4	9.1	8.2	7.8	8.7	11.0	13.0	11.7 B	17
18	13.5	12.2 B	19.9	13.6	12.7	10.3	8.1	25.2	12.5	10.8	12.5	12.0 B	18
19	25.0	11.8 B	16.8	13.9	12.2	9.9	8.1	12.2	9.5	11.6	11.8 B	19	
20	20.5 B	11.8 B	16.1	13.4	11.9	9.4	8.4	10.4	9.6	12.4	11.3	11.6 B	20
21	14.5 B	11.8 B	15.7	13.0	12.1	9.3	8.3	9.8	9.1	11.0	13.1	11.5 B	21
22	18.3	11.8 B	15.6	16.1	11.4	9.1	8.0	9.3	11.1	10.8	14.8	11.0	22
23	25.2	11.8 B	16.2	14.2	11.1	9.1	7.9	9.2	12.4	10.6	12.7	11.1	23
24	16.4	11.8 B	16.8	13.3	11.3	11.0	7.9	9.2	10.9	10.5	13.6	11.0	24
25	14.6	11.3 B	16.9	12.8	11.2	9.9	8.3	9.2	9.9	10.1	14.7	11.8	25
26	14.4	11.3 B	16.9	12.5	12.6	9.3	8.7	9.1	9.6	9.9	12.6	15.1	26
27	14.3	11.3 B	15.2	14.6	12.3	9.3	9.8	14.2	9.4	10.1	12.7	10.9	27
28	14.1	11.0 B	14.2	20.8	19.0	19.6	10.7	10.4	9.3	10.7	18.9	14.8	28
29	13.9 B		15.2	16.2	14.7	14.2	10.3	9.3	9.1	14.9	15.2	13.7	29
30	13.9 B		18.1	13.8	13.1	11.1	8.6	9.1	8.9	20.6	13.5	13.0	30
31	13.4 B		17.4		15.4		8.9	9.4		15.3		12.5	31
TOTAL	446.5	403.7	752.1	483.1	429.9	330.0	276.8	306.9	279.1	345.3	413.5	365.8	TOTAL
MEAN	14.4	14.41	24.26	16.1	15.86	11.0	8.92	9.9	9.3	11.13	15.76	12.44	MEAN
AC-FT	885.63	800.73	1491.79	958.22	892.7	654.55	549.03	608.73	553.59	684.9	820.17	702.23	AC-FT
MAX	25.2	48.6	88.1	35.8	19.5	19.6	10.7	25.2	12.5	20.6	21.4	16.9	MAX
MIN	9.9	11.0	10.7	12.5	11.1	8.9	7.9	7.8	8.4	9.0	11.3	9.4	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 13.3 CFS  
 TOTAL DISCHARGE, 9630 AC-FT  
 MAXIMUM DAILY DISCHARGE, 88.1 CFS  
 MINIMUM DAILY DISCHARGE, 7.8 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,  
 ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.  
 TYPE OF GAUGE: CONTINUOUS RECORDING.  
 DRAINAGE AREA: 10.5 SQUARE MILES.

B - ICE CONDITIONS  
 E - ESTIMATED

NATURAL FLOW

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232  
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	12.4	14.5	15.0	15.0	14.0	12.1	12.5	10.2	9.6	12.0	13.7	12.1	31	
02	12.2	13.8	12.2	15.3	12.0	11.6	11.7	10.3	9.5	12.1	13.4	12.7	02	
03	12.1	12.9	12.9	12.8	12.7	11.5	34.5	10.1	11.6	11.7	13.8	12.7	03	
04	11.9	13.1	13.1	13.9	74.6	12.5	11.5	14.3	11.6	10.1	11.7	14.3	04	
05	11.8	12.4	10.0	22.7	11.9	11.3	12.5	10.4	9.6	11.6	12.9	11.9	05	
06	11.5	12.1	8	44.6	17.4	14.1	11.3	11.6	9.6	9.5	11.5	12.7	12.2	06
07	11.6	11.9	8	40.0	17.1	13.0	11.1	11.2	10.4	9.5	13.0	12.1	12.3	07
08	11.6	11.6	20.5	15.8	12.4	11.1	10.7	10.5	9.4	11.9	11.9	15.5	08	
09	11.6	11.6	16.8	15.0	16.6	11.0	10.7	10.2	9.4	12.0	11.6	14.6	09	
10	11.6	11.5	16.2	15.1	14.2	10.9	11.3	9.0	9.5	11.8	11.6	12.5	10	
11	11.6	11.7	15.9	15.7	12.8	10.9	10.1	8.6	9.5	11.6	12.0	12.5	11	
12	10.9	11.7	15.4	17.8	35.4	11.2	9.9	9.9	10.1	12.0	16.0	14.0	12	
13	11.5	11.6	14.4	19.4	18.5	10.9	9.7	10.2	11.0	11.8	14.1	14.0	13	
14	11.7	11.2	14.1	18.3	23.4	15.2	10.9	11.3	9.3	10.0	20.1	15.7	13.5	14
15	11.4	11.2	8	13.8	20.2	18.0	15.5	11.4	9.1	15.1	13.4	12.8	15	
16	11.4	11.2	8	14.1	16.2	18.6	15.4	10.0	9.0	9.5	14.0	12.7	13.8	16
17	11.2	11.3	14.0	15.5	30.1	12.4	9.8	9.2	9.9	14.3	13.5	13.9	8	17
18	11.2	11.3	14.2	15.0	15.9	14.0	10.0	9.0	10.8	13.7	12.8	13.4	8	18
19	11.2	11.6	14.2	14.3	14.3	20.8	9.9	8.9	10.9	13.5	12.6	13.1	19	
20	11.4	11.5	14.0	8	14.1	13.7	17.1	9.5	8.8	10.8	23.5	12.8	20	
21	14.6	11.4	14.0	14.1	13.4	13.2	9.3	8.7	9.9	13.4	21.2	12.8	21	
22	13.3	14.7	13.7	8	19.4	13.2	11.9	9.3	8.6	9.6	13.6	14.5	12.7	22
23	14.7	14.4	8	13.6	18.9	13.7	11.2	9.6	9.0	13.1	13.8	12.9	23	
24	13.3	12.4	13.6	8	16.6	13.0	11.2	10.0	9.0	9.7	13.3	13.0	24	
25	12.7	11.8	13.0	8	14.9	13.1	11.5	10.1	8.7	11.8	13.4	13.0	25	
26	12.8	11.7	13.0	8	14.1	12.7	11.3	10.4	8.8	11.0	13.2	12.6	26	
27	39.8	11.7	13.5	8	13.4	12.7	10.9	10.3	16.1	10.3	13.1	12.2	12.4	27
28	19.2	13.5	13.4	8	13.7	12.5	10.6	10.5	10.7	14.2	13.1	12.3	12.5	28
29	16.1	13.3	14.4	8	14.5	16.6	12.4	10.0	17.2	13.2	12.4	12.6	29	
30	15.9	14.5	13.9	8	15.1	15.3	13.0	9.8	12.3	14.7	12.0	12.8	30	
31	16.5		25.2		12.6		10.8	9.9		14.0		12.4	31	
TOTAL	420.5	341.3	624.2	616.7	472.5	376.2	358.3	303.4	315.5	406.9	414.2	402.2	TOTAL	
MEAN	13.56	12.18	20.13	20.55	15.24	12.54	11.55	9.78	10.51	13.12	13.8	12.97	MEAN	
AC-FT	834.06	676.96	1238.1	1223.22	937.2	746.19	710.68	601.79	625.79	807.08	821.56	797.76	AC-FT	
MAX	39.8	14.7	105.0	74.6	35.9	20.8	34.5	16.1	17.2	20.1	23.5	15.5	MAX	
MIN	10.9	11.2	12.2	13.4	11.9	10.6	9.3	8.4	9.4	11.5	11.6	11.9	MIN	

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 13.8 CFS

TOTAL DISCHARGE, 10000 AC-FT

MAXIMUM DAILY DISCHARGE, 105.0 CFS

MINIMUM DAILY DISCHARGE, 8.4 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,  
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	12.7	11.6	8	15.2	15.7	15.5	15.1	9.1	9.0	10.6	11.5	13.2	16.2	01
02	12.5	11.4	8	14.9	15.5	15.1	12.4	9.1	9.0	10.0	11.4	12.0	13.2	02
03	12.6	11.3	8	14.6	15.6	14.9	12.1	9.0	10.0	8.9	10.9	11.7	13.0	03
04	12.7	11.2	8	14.3	15.3	20.1	11.7	8.9	9.5	9.1	10.9	11.3	12.3	04
05	12.5	11.1	8	14.1	15.3	21.4	12.0	8.8	9.0	9.1	10.9	10.8	12.5	05
06	12.7	11.0	8	14.1	15.2	16.1	12.1	8.9	9.0	9.1	11.4	10.9	17.9	06
07	12.9	10.9	8	13.9	15.5	14.9	11.5	8.8	9.0	8.9	11.9	11.2	13.2	07
08	12.9	11.0	8	13.7	15.8	14.1	11.3	9.0	8.8	9.0	12.2	11.6	12.1	08
09	22.7	11.1	8	13.5	16.5	16.5	13.7	11.0	9.0	8.8	8.7	12.3	11.2	09
10	16.6	11.1	8	13.3	16.5	16.5	13.3	10.7	9.0	8.7	8.9	13.6	24.2	10
11	31.5	11.1	8	13.2	17.0	13.0	10.7	10.8	9.4	10.5	10.4	14.0	12.7	11
12	16.6	11.1	8	14.1	16.8	13.2	14.8	9.5	9.0	20.8	10.3	12.8	12.6	12
13	14.1	11.3	8	16.2	17.0	13.1	14.4	9.3	9.1	11.7	11.9	12.3	12.4	13
14	12.8	11.3	8	16.7	18.7	12.5	11.8	9.2	8.8	11.1	11.4	12.0	13.1	14
15	12.4	11.5	8	14.1	20.0	13.0	11.7	9.0	8.8	10.7	10.8	11.8	22.1	15
16	12.1	11.6	8	16.4	21.6	15.1	13.3	9.0	8.9	10.7	10.5	11.9	14.0	16
17	12.1	11.8	8	27.0	23.3	12.9	11.2	9.0	8.9	10.8	10.4	11.8	12.3	17
18	12.1	13.1	8	41.4	24.8	12.6	11.7	8.9	8.7	12.3	15.3	11.8	11.3	18
19	12.2	12.8	8	12.8	107.0	60.4	14.4	10.6	11.2	8.6	19.6	11.8	10.7	19
20	12.2	12.8	8	12.3	66.8	22.7	12.6	16.8	8.6	15.4	11.9	11.8	8	20
21	12.2	12.1	22.9	18.6	13.5	11.1	13.2	8.9	12.7	11.5	12.7	11.8	8	21
22	12.2	13.1	48.7	17.2	11.1	10.6	10.8	9.0	11.6	11.1	12.1	11.8	8	22
23	12.3	32.3	25.4	17.5	10.8	11.4	10.2	8.7	11.2	10.7	11.8	11.8	8	23
24	12.3	157.0	26.3	20.8	11.3	11.4	11.2	12.8	11.1	10.6	11.8	10.8	8	24
25	13.7	42.1	28.3	18.7	11.2	10.3	10.4	11.1	11.0	10.4	11.7	11.7	8	25
26	14.8	18.7	17.3	16.4	11.6	10.1	9.8	10.1	11.2	10.4	11.5	11.8	8	26
27	12.6	16.4	15.9	15.6	12.0	10.1	10.0	9.5	10.4	10.2	17.3	11.9	27	
28	12.1	15.7	15.8	15.4	11.0	10.1	10.0	8.8	10.7	10.5	15.0	11.8	28	
29	12.9	18.7	15.2	10.6	9.6	9.6	10.0	10.4	10.2	13.3	11.8	29		
30	12.6	16.7	15.2	20.0	9.1	9.3	11.6	10.3	9.8	15.3	15.2	30		
31	12.1	8	15.9	17.9	9.0	9.8			10.1		16.0	31		
TOTAL	428.7	537.0	724.4	576.0	432.8	350.5	305.8	289.9	337.0	347.2	382.5	404.7	TOTAL	
MEAN	13.82	19.17	23.36	19.2	13.96	11.68	9.86	9.35	11.23	11.2	12.75	13.05	MEAN	
AC-FT	850.32	1065.13	1436.84	1142.49	858.45	695.21	606.55	575.01	668.23	688.67	756.68	802.72	AC-FT	
MAX	31.5	157.0	107.0	60.4	21.4	16.6	16.8	12.8	20.8	15.3	24.2	22.1	MAX	
MIN	12.1	10.9	13.2	15.2	10.6	9.1	8.8	8.6	8.7	9.8	10.8	10.7	MIN	

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 14.0 CFS

TOTAL DISCHARGE, 10100 AC-FT

MAXIMUM DAILY DISCHARGE, 157.0 CFS

MINIMUM DAILY DISCHARGE, 8.6 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,  
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	13.7 B	11.8 B	17.8	32.9	12.7	16.3	18.0	15.2	12.8	10.9	11.1	10.1 B	01	
02	13.0 B	11.8 B	14.1 B	23.2	12.7	14.0	15.2	11.9	11.4	10.8	10.8	10.1 B	02	
03	12.9 B	11.7 B	17.0 B	21.7	15.5	12.7	17.9	10.9	10.5	11.0	11.1	10.1 B	03	
04	12.7 B	11.8 B	15.1 B	20.0	13.1	12.2	15.8	10.7	11.8	10.6	11.0	10.1 B	04	
05	12.4 B	11.8 B	27.7	18.3	12.6	11.9	13.2	10.8	10.6	10.4	10.9	10.5 B	05	
06	12.2 B	11.9 B	25.9	18.1	14.9	11.5	12.6	10.7	10.3	10.8	10.8	10.5 B	06	
07	11.9 B	11.9 B	17.0	17.2	25.1	11.8	11.7	10.4	9.9	14.4	10.7	10.5 B	07	
08	11.9 B	11.9 B	14.7 B	15.7	16.3	11.2	11.4	11.0	10.8	11.8	10.4	10.5 B	08	
09	11.7 B	11.9 B	17.4 B	15.3	14.2	11.2	10.8	11.4	11.9	13.5	10.2	10.1 B	09	
10	11.4 B	12.3 B	14.1 B	15.2	13.3	11.0	10.9	10.7	12.6	14.3	10.7	10.5 B	10	
11	11.1 B	12.9 B	13.7 B	15.0	13.9	13.0	15.4	10.4	11.5	12.0	10.7	10.5 B	11	
12	10.9 B	12.2 B	13.6 B	14.0	14.4	10.7	14.6	10.9	11.1	11.8	10.5	10.5 B	12	
13	10.7 B	11.7 B	16.8 B	14.3	12.7	10.6	12.4	12.9	10.3	11.8	10.6	10.5 B	13	
14	10.8 B	11.5	14.8 B	14.5	13.1	15.2	11.5	13.4	10.0	11.6	10.9	13.2 B	14	
15	10.7 B	12.3	14.0 B	20.6	13.1	11.9	10.9	14.3	10.0	11.5	10.7	10.5 B	15	
16	10.7 B	14.2	13.8 B	26.7	23.2	13.7	10.7	11.2	10.2	11.2	10.5	10.1 B	16	
17	10.6 B	13.7	15.0 B	16.8	33.9	13.0	10.9	10.5	10.6	11.3	10.6	10.5 B	17	
18	10.7 B	14.9	19.7 B	15.0	19.0	11.7	11.6	10.2	11.4	11.1	10.9	10.1 B	18	
19	10.7 B	22.8	15.0 B	14.1	20.6	13.4	10.4	10.2	10.6	11.1	11.0	10.1 B	19	
20	10.9 B	16.0	37.7	13.1	17.7	12.7	10.7	10.2	13.2	12.8	10.7	13.7 B	20	
21	10.6 B	14.9	89.1	12.9	15.0	10.8	11.4	10.0	12.0	15.0	9.9	10.1 B	21	
22	10.6 B	25.6 B	27.5 B	15.7	14.4	19.6	10.2	9.5	13.9	12.5	10.0	10.1 B	22	
23	10.6 B	18.2 B	25.8 B	15.5	14.0	13.2	10.1	9.6	13.4	11.9	10.3	10.1 B	23	
24	10.6 B	15.3	42.2	13.3	13.6	12.8	10.3	9.4	11.7	11.6	10.4	10.1 B	24	
25	10.7 B	15.5	47.7	20.4	13.6	18.2	9.7	9.5	11.2	11.9	10.3	10.1 B	25	
26	14.0 B	19.7	27.7	18.9	15.3	13.6	9.6	9.3	11.9	11.6	13.6	10.1 B	26	
27	14.7 B	24.0	36.8	16.8	15.0	14.2	10.6	9.8	13.2	11.1	19.1	9.9 B	27	
28	12.8 B	21.1	27.1	14.9	13.1	12.0	9.7	10.7	11.5	11.0	13.3	9.9 B	28	
29	12.1 B	18.3	20.7	13.5	12.7	14.4	13.8	11.0	11.1	11.0	11.4 B	9.9 B	29	
30	11.9 B	24.5	13.0	12.9	21.0	12.6	9.9	10.9	10.2	10.5	10.5 B	9.9 B	30	
31	11.8 B		40.4			21.0		18.4	9.8		11.0		9.9 B	31
TOTAL	361.7	433.6	764.4	516.6	492.6	399.5	383.0	336.4	342.3	363.5	333.6	322.8	TOTAL	
MEAN	11.66	14.95	24.65	17.22	15.89	13.31	12.35	10.85	11.41	11.72	11.12	10.41	MEAN	
AC-FT	717.43	860.04	1516.18	1024.67	977.07	792.4	759.68	667.24	678.95	721.0	661.69	640.27	AC-FT	
MAX	14.7	25.6	89.1	32.9	33.9	21.0	18.4	15.2	13.9	15.0	19.1	13.7	MAX	
MIN	10.6	11.5	13.6	12.9	12.6	10.6	9.6	9.3	9.9	10.2	9.9	9.9	MIN	

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, 13.8 CFS

TOTAL DISCHARGE, 10000 AC-FT

MAXIMUM DAILY DISCHARGE, 89.1 CFS

MINIMUM DAILY DISCHARGE, 9.3 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD,  
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	9.8 B	9.2 B	10.0	17.0	12.9	12.9	11.8	15.7	11.9	18.7	10.6	25.4	01
02	9.7 B	9.2 B	9.9	21.1	13.4	11.9	10.7	13.7	23.1	14.9	10.5	17.0	02
03	9.6 B	9.3 B	9.9	30.0	12.5	10.7	10.4	13.4	13.9	13.2	10.5	14.9	03
04	9.4 B	9.3 B	13.9	18.6	12.3	10.2	10.7	13.6	11.6	12.0	10.4	13.9	04
05	9.2 B	9.2 B	19.8	27.0	12.4	10.1	10.0	16.2	10.8	11.7	10.2	13.0 B	05
06	9.2 B	9.0 B	14.9	17.9	12.1	10.0	11.7	17.7	9.3	11.5	10.2	13.0 B	06
07	9.1 B	8.8 B	12.9	16.5	11.5	9.8	11.8	17.8	9.3	11.0	18.6	13.1 B	07
08	9.0 B	8.6 B	12.5	16.5	11.7	9.5	11.3	16.7	9.3	17.2	25.5	13.3 B	08
09	9.0 B	8.7 B	19.3	16.4	12.5	9.4	10.1	16.6	9.7	21.6	14.2	13.4 B	09
10	9.1 B	9.0 B	32.0	16.9	11.5	9.4	9.4	23.8	10.1	14.0	20.4	13.4 B	10
11	9.2 B	9.0 B	33.3	16.9	11.0	9.2	9.4	15.9	9.8	12.6	16.4	13.5 B	11
12	9.2 B	9.2 B	36.1	16.7	10.8	9.4	10.0	13.1	9.7	12.5	13.4	13.6 B	12
13	9.3 B	11.6 B	89.9	16.0	11.7	9.5	9.6	12.1	11.9	12.0	12.5	13.7 B	13
14	9.3 B	10.1 B	32.7	15.4	10.7	9.3	9.1	11.9	11.4	11.7	11.9	25.3	14
15	9.3 B	9.4 B	26.6	14.6	10.4	9.2	9.3	10.7	9.6	11.6	12.4	19.6	15
16	9.3 B	9.3 B	24.9	14.2	10.2	9.2	9.2	15.7	13.9	12.3	16.9	16.9	16
17	9.3 B	9.2 B	20.1	14.2	10.3	10.4	9.1	17.1	13.4	11.5	22.8	16.3	17
18	9.2 B	9.3 B	18.3	14.0	11.3	13.5	9.1	11.3	11.1	11.3	16.1	15.5	18
19	9.2 B	9.2 B	17.8	13.9	10.9	11.7	10.0	10.0	10.7	11.4	13.8	15.0	19
20	9.3 B	9.2 B	17.4	13.8	10.3	10.8	10.3	10.2	13.7	11.3	12.8	15.5	20
21	9.2 B	9.2 B	17.5	13.7	10.0	10.2	8.2	10.0	12.0	11.2	13.1	17.3	21
22	9.3 B	9.2 B	17.7	18.8	9.7	9.4	8.1	14.2	10.7	11.4	11.8	16.2	22
23	9.3 B	9.2 B	17.0	20.6	9.8	9.3	9.1	10.2	10.1	10.8	12.9	15.6	23
24	9.3 B	11.1	16.3	19.0	10.0	9.3	9.9	12.0	9.9	10.7	14.4	15.6	24
25	9.3 B	12.1	16.5	17.4	9.9	13.2	9.9	10.0	20.5	10.8	13.1	24.1	25
26	9.3 B	10.5	16.4	15.1	9.7	10.7	10.3	9.6	17.6	10.9	15.7	17.0 B	26
27	9.4 B	10.5	17.2	14.4	9.4	9.7	11.2	9.6	13.2	10.9	11.8	16.1 B	27
28	9.4 B	10.3	19.8	13.6	9.2	9.5	13.5	9.6	12.0	10.8	11.9	15.6 B	28
29	9.3 B	26.0	13.2	9.4	15.7	16.2	9.5	11.5	10.8	12.1	15.5 B	29	
30	9.2 B	23.2	13.0	9.4	11.4	17.2	10.5	11.3	10.7	12.5	15.5 B	30	
31	9.2 B		20.6		9.4		21.2	12.9		10.5		15.4 B	31
TOTAL	287.9	267.9	680.4	506.4	335.3	314.5	337.8	411.3	363.0	383.5	419.4	499.2	TOTAL
MEAN	9.28	9.56	21.94	16.88	10.81	10.48	10.89	13.26	12.1	12.37	13.98	16.1	MEAN
AC-FT	571.04	531.37	1349.57	1004.44	665.06	623.81	670.02	815.81	720.01	760.67	831.87	990.16	AC-FT
MAX	9.8	12.1	89.9	30.0	13.4	15.7	21.2	23.8	23.1	21.6	25.5	25.4	MAX
MIN	9.0	8.6	9.9	13.0	9.2	9.2	8.1	9.5	9.3	10.5	10.2	13.0	MIN

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 13.2 CFS

TOTAL DISCHARGE, 9530 AC-FT

MAXIMUM DAILY DISCHARGE, 89.9 CFS

MINIMUM DAILY DISCHARGE, 8.1 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD

B - ICE CONDITIONS

ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 10.5 SQUARE MILES.

REMARKS: BROAD-CRESTED GABION BASKET CONTROL.

WILMOT CREEK NEAR KIRBY - STATION NO. 02HD232  
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	15.2 B	14.0 B	11.6 B	33.2	15.2	12.4							01
02	14.9 B	13.7 B	11.5 B	28.2	15.2	12.5							02
03	14.7 B	13.5 B	11.4 B	19.4	15.0	12.3							03
04	13.3 B	13.3 B	11.4 B	18.5	14.8	12.1							04
05	13.0 B	13.3 B	11.4 B	23.3	15.4	12.5							05
06	13.0 B	13.2 B	11.4 B	23.5	16.6	12.2							06
07	13.0 B	13.0 B	11.3 B	42.9	16.5	12.5							07
08	23.1 B	12.9 B	11.3 B	26.0	15.3	13.2							08
09	24.8 B	12.8 B	11.4 B	20.9	22.1	12.6							09
10	18.2 B	12.7 B	11.3 B	20.3	17.0	12.4							10
11	16.0 B	12.7 B	11.3 B	29.0	15.3	12.0							11
12	14.9 B	12.6 B	11.3 B	28.2	15.9	12.2							12
13	14.5 B	12.6 B	11.3 B	28.0	16.2	15.6							13
14	14.4 B	12.6 B	16.0 E	24.0	33.0	12.6							14
15	14.3 B	12.6 B	22.0 E	20.2	29.3	12.1							15
16	14.2 B	12.1 B	18.0 E	20.2	18.8								16
17	14.3 B	11.8 B	17.0 E	20.0	17.5								17
18	14.2 B	11.6 B	16.0 E	20.4	19.7								18
19	14.1 B	11.7 B	15.0 E	25.4	19.7								19
20	14.0 B	11.7 B	14.0 E	29.2	18.5								20
21	14.1 B	11.6 B	22.0 E	31.5	21.0								21
22	13.9 B	11.6 B	26.0 E	22.5	16.1								22
23	14.0 B	11.6 B	28.0 E	19.5	15.1								23
24	14.1 B	11.6 B	24.0 E	18.9	14.7								24
25	14.5 B	11.6 B	18.0 E	18.5	14.1								25
26	22.5 B	11.6 B	17.0 E	17.8	13.3								26
27	17.0 B	11.5 B	16.0 E	17.3	13.1								27
28	15.3 B	11.5 B	15.0 E	16.7	13.0								28
29	14.9 B		14.0 E	16.1	12.9								29
30	14.6 B		15.4	15.5	12.7								30
31	14.4 B		17.9		12.6								31
TOTAL	477.4	347.0	479.2	695.1	525.6								TOTAL
MEAN	15.4	12.39	15.45	23.17	16.95								MEAN
AC-FT	946.92	688.27	950.49	1378.73	1042.52								AC-FT
MAX	24.8	14.0	28.0	42.9	33.0								MAX
MIN	13.0	11.5	11.3	15.5	12.6								MIN

## SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, 0.0 CFS  
TOTAL DISCHARGE, 0 AC-FT  
MAXIMUM DAILY DISCHARGE, 0.0 CFS  
MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP 7TH LINE ROAD  
ABOUT 1.5 MILES WEST OF THE COMMUNITY OF KIRBY.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 10.5 SQUARE MILES.  
REMARKS: BROAD-CRESTED GABION BASKET CONTROL.  
STATION DISCONTINUED JUNE 1978.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

STALKER CREEK NEAR ORONO - STATION NO. 02HD233  
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1967

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01													01
02													02
03													03
04													04
05													05
06													06
07													07
08													08
09													09
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
AC-FT													AC-FT
MAX													MAX
MIN													MIN

## SUMMARY FOR THE YEAR 1967

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, CFS  
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP SIDE ROAD 30-31  
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 8.1 SQUARE MILES.  
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED  
CONCRETE CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED  
NATURAL FLOW

## STALKER CREEK NEAR ORONO - STATION NO. 02HD233

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## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.1 B	22.0	2.2	14.6	3.1	4.5	1.3	0.47	0.35	0.47	0.77	4.8	01
02	2.7 B	145.0	2.3	9.4	3.7	3.6	1.1	0.4	0.41	0.48	0.76	5.4	02
03	2.9 B	47.7	2.5	8.7	3.5	4.0	0.88	0.39	0.43	1.1	0.74	6.0	03
04	3.0 B	23.5	2.8	36.7	3.9	2.7	0.84	0.37	0.38	1.1	0.72	19.8	04
05	2.5 B	15.9	2.3	19.4	3.1	2.1	0.8	0.38	0.49	0.83	0.7	19.2	05
06	2.4 B	13.7	2.3	9.9	2.4	1.7	0.78	0.8	5.2	0.76	0.7	8.4 B	06
07	2.3 B	9.5	2.3 B	8.3	1.9	1.3	0.93	0.55	2.1	0.86	2.8	3.0 B	07
08	2.2 B	6.9 B	4.6 B	8.1	2.0	1.2	0.76	0.5	1.0	0.91	4.5	1.7 B	08
09	2.2 B	5.5 B	21.6 B	7.2	2.8	1.2	1.4	0.75	0.77	0.8	3.1	1.3 B	09
10	2.2 B	4.4 B	34.8 B	6.5	5.3	1.1	0.77	0.46	0.72	0.79	4.6	1.7 B	10
11	2.3 B	4.2 B	29.6 B	6.1	3.1	1.1	0.58	0.42	0.94	0.81	2.6	3.0 B	11
12	2.6 B	4.8 B	19.9 B	5.6	7.4	1.2	0.56	0.4	0.97	0.76	2.0	1.8 B	12
13	2.8 B	5.0 B	9.4 B	5.4	8.1	1.1	0.52	0.39	0.64	0.71	1.5	6.2	13
14	2.9 B	4.5 B	10.0 B	5.4	4.2	1.1	0.47	0.36	0.44	0.69	1.3	5.1	14
15	3.1 B	3.8 B	6.4 B	5.3	3.9	1.0	0.48	0.36	0.45	0.66	2.2	2.4	15
16	3.2 B	3.4 B	59.0 B	4.6	8.5	0.97	0.61	0.43	0.44	0.63	3.6	1.7 B	16
17	3.3 B	3.0 B	81.5 B	4.0	13.5	0.86	0.49	0.44	0.4	0.59	2.1	1.4 B	17
18	3.0 B	2.4 B	72.8	3.7	5.8	0.8	0.44	0.38	0.5	0.65	3.1	2.4 B	18
19	3.0 B	2.4 B	48.1	3.7	5.7	1.2	0.48	0.41	0.44	3.9	4.3	2.6 B	19
20	3.0 B	2.4 B	45.2	3.5	23.0	1.0	0.46	0.51	0.4	2.6	2.2	2.1 B	20
21	3.0 B	2.3 B	36.2	3.1	9.7	0.87	0.45	0.37	0.42	1.3	1.8	1.7 B	21
22	2.9 B	2.3 B	25.5	3.2	6.3	2.4	0.45	1.3	0.42	1.1	3.7	1.4 B	22
23	2.9 B	2.2 B	23.9	3.3	4.3	1.8	0.42	1.8	0.42	1.1	5.3	2.3 B	23
24	2.9 B	2.2 B	11.8	4.4	3.3	1.3	0.44	0.89	0.46	1.0	7.1	1.7 B	24
25	2.8 B	2.2 B	12.8	3.9	2.5	1.4	0.4	0.64	0.52	0.92	4.5	1.3 B	25
26	2.7 B	2.1 B	22.1	3.8	2.2	8.7	0.37	0.46	0.47	0.93	2.9	1.3 B	26
27	2.6 B	2.1 B	31.0	3.4	1.8	3.1	0.4	0.41	0.47	0.92	3.6	1.3 B	27
28	2.5 B	2.1 B	29.0	2.9	1.6	3.7	0.38	0.36	0.47	0.87	11.4	1.3 B	28
29	2.7 B	2.2 B	24.4	2.5	13.4	2.5	0.36	0.33	0.49	0.82	28.1	1.3 B	29
30	5.5 B		15.2	2.6	12.9	2.0	0.38	0.34	0.48	0.77	7.1	1.2 B	30
31	8.2		13.2		6.2		0.42	0.33		0.76		1.2	31

TOTAL	93.4	349.7	704.7	209.2	179.1	61.5	19.12	16.4	22.09	30.59	119.79	116.0	TOTAL
MEAN	3.01	12.05	22.73	6.97	5.77	2.05	0.61	0.52	0.73	0.98	3.99	3.74	MEAN
AC-FT	185.25	693.62	1397.77	414.94	355.24	121.98	37.92	32.52	43.81	60.67	237.6	230.08	AC-FT
MAX	8.2	145.0	81.5	36.7	23.0	8.7	1.4	1.8	5.2	3.9	28.1	19.8	MAX
MIN	2.2	2.1	2.2	2.5	1.6	0.8	0.36	0.33	0.35	0.47	0.7	1.2	MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, 5.3 CFS

TOTAL DISCHARGE, 3810 AC-FT

MAXIMUM DAILY DISCHARGE, 145 CFS

MINIMUM DAILY DISCHARGE, 0.33 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 8.1 SQUARE MILES.

REMARKS: BROAD-CRESTED SHALLOW V-SHAPED CONCRETE CONTROL.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	1.1	26.0 B	5.5	5.8	4.6	4.4	1.0	8.9	0.82	0.59	1.5	2.5	01
02	1.1	16.8 B	6.3	6.1 B	3.9	31.3	0.85	16.1	0.77	0.65	17.6	2.5	02
03	1.0	13.1 B	9.3	13.7	5.6	12.6	0.9	4.6	0.76	0.76	14.9	2.6 B	03
04	0.95	9.1 B	10.7 B	13.2	4.3	7.8	1.2	2.7	0.71	0.72	6.9	2.4 B	04
05	0.99	0.4 B	8.3 B	29.5	3.5	6.6	1.3	2.2	0.72	0.68	4.8	2.1	05
06	0.99	4.4 B	5.9 B	16.1	3.0	7.4	1.0	1.8	0.82	0.69	3.5	2.0	06
07	0.98	3.6	3.7 B	12.5	2.8	4.9	0.81	1.7	0.79	0.74	3.1	2.3	07
08	0.99	3.2	4.0 B	11.9	7.1	3.3	0.6	1.7	0.76	0.81	2.7	6.9	08
09	0.99	2.8	4.7 B	10.6	9.3	2.9	0.54	1.3	0.81	0.73	2.5	1.2	09
10	0.96	3.7	6.3 B	21.7	10.3	2.2	0.53	1.1	0.72	0.72	2.4	5.5	10
11	0.93	2.9 B	5.7 B	12.8	22.0	2.0	1.1	1.0	0.68	0.68	2.5	30.0	11
12	0.89	2.3 B	3.8 B	8.3	11.8	1.8	1.5	1.0	0.73	0.67	3.0	17.7	12
13	0.89	2.2 B	3.1	7.3	7.9	1.7	0.99	0.93	0.6	0.67	3.1	9.2	13
14	0.9	2.2 B	3.8 B	7.0	6.5	1.6	0.7	0.88	0.59	0.96	7.7	7.2	14
15	0.91	2.2 B	4.3	7.2	4.7	1.9	0.53	0.84	0.6	0.91	9.1	5.3 B	15
16	0.93	2.2 B	6.5 E	10.7	3.8	3.2	0.55	1.3	0.68	1.5	4.4	4.8 B	16
17	0.96	2.1 B	16.3 E	16.2	3.5	1.9	0.55	17.2	0.82	2.3	3.6	3.4 B	17
18	2.5	2.0 B	40.1 E	48.1	9.5	2.2	0.51	6.0	0.75	1.2	4.7	3.4 B	18
19	4.5	1.8 B	24.4 E	21.6	4.9	2.3	0.47	11.0	0.65	1.2	10.6	3.6 B	19
20	4.6	1.9 B	19.0 E	10.7	13.6	2.1	0.47	4.3	0.58	6.0	9.9	3.7 B	20
21	3.9	4.7	36.0	8.6	7.8	1.5	0.47	2.3	0.54	4.3	4.5	3.6 B	21
22	4.1	6.8	16.0	8.5	5.6	1.2	0.46	1.6	0.54	2.5	3.4	3.5 B	22
23	5.2	8.0	15.9	13.8	4.7	1.5	0.43	1.3	0.55	2.1	3.7	3.0 B	23
24	155.0	6.0	24.8	10.4	3.9	2.1	0.47	1.2	0.66	2.0	3.6	3.0 B	24
25	36.9	6.0	47.0	6.4	3.9	1.7	1.8	1.0	0.66	2.2	3.4	3.0 B	25
26	16.7 B	5.2	25.4	5.5	3.6	1.5	2.8	0.87	0.7	1.9	3.7	3.4 B	26
27	10.7 B	4.5	8.0 B	5.0	3.0	1.2	2.9	0.83	0.66	1.8	3.5	2.8 B	27
28	8.5 B	4.9	10.5	7.0	2.6	0.97	45.1	0.85	0.62	1.5	2.9	2.7 B	28
29	6.0 B		15.0	11.3	4.0	0.81	30.0	0.84	0.59	1.4	3.0	2.5 B	29
30	137.0 B		4.8 B	6.0	2.8	1.0	5.8	0.81	0.63	1.3	2.6	2.4 B	30
31	92.7 B		3.8 B		2.0		3.1	0.84		1.3		2.3 B	31

TOTAL	504.76	157.0	399.5	428.7	226.7	117.58	109.43	98.99	20.51	45.48	152.8	156.1	TOTAL
MEAN	16.28	5.6	12.88	14.29	7.31	3.91	3.53	3.19	0.68	1.46	5.09	5.03	MEAN
AC-FT	1001.19	311.4	792.4	850.32	449.65	233.21	217.05	196.34	40.68	90.2	303.07	309.62	AC-FT
MAX	155.0	26.0	47.0	61.3	44.9	31.3	45.1	17.2	0.82	6.0	17.6	30.0	MAX
MIN	0.89	1.8	3.1	5.0	2.0	0.81	0.43	0.81	0.54	0.59	1.5	2.0	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 6.6 CFS

TOTAL DISCHARGE, 4800 AC-FT

MAXIMUM DAILY DISCHARGE, 155 CFS

MINIMUM DAILY DISCHARGE, 0.43 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 8.1 SQUARE MILES.

CONCRETE CONTROL.

## STALKER CREEK NEAR ORONO - STATION NO. 02HD233

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.2 B	4.2	2.2 B	13.5	6.1	2.5	1.8	1.8	0.84	1.0	14.4	4.6	01
02	2.2 B	5.1	2.3 B	32.8	5.3	2.4	2.0	1.2	0.6	1.3	6.9	4.3	02
03	2.2 B	6.5	2.4 B	4.7	4.7	2.1	1.8	1.0	0.65	1.6	4.0	3.0	03
04	2.2 B	8.6 B	3.9 B	26.5	4.3	1.9	1.6	0.87	0.79	1.8	3.1	8.7	04
05	2.2 B	5.8 B	12.0 B	19.6	4.0	1.7	1.4	0.74	0.73	1.2	2.7	5.0 B	05
06	2.2 B	4.5 B	14.2 B	19.8	3.6	1.5	1.0	0.7	0.57	0.96	2.3	4.2 B	06
07	2.2 B	4.0 B	13.6 B	23.9	3.5	1.5	0.87	0.62	0.45	0.89	2.2	2.6 B	07
08	2.1 B	3.8 B	9.2 B	25.7	4.8	1.3	0.81	0.55	0.46	0.85	2.0	2.3	08
09	2.1 B	3.6 B	8.0 B	26.4	6.1	1.2	0.82	0.5	0.92	0.78	1.9	15.4	09
10	2.1 B	3.8 B	6.6 B	16.6	4.5	1.1	4.4	0.45	0.81	0.77	3.4	14.9 B	10
11	2.1 B	4.4 B	5.0 B	10.2	3.9	5.5	3.3	0.44	0.58	0.98	5.2	5.9 B	11
12	2.1 B	4.2 B	5.3 B	9.6	3.5	7.1	2.2	0.44	0.49	1.1	5.0	3.5 B	12
13	2.1 B	3.5 B	9.8	9.5	3.4	2.2	1.3	0.43	0.47	2.1	4.6	3.0 B	13
14	2.1 B	3.8 B	11.1	10.1	3.3	1.6	2.2	0.43	0.58	2.6	3.1	3.1 B	14
15	2.1 B	3.3 B	6.0 B	9.7	4.7	1.3	3.7	0.43	0.63	1.8	3.0	3.3 B	15
16	2.0 B	3.0 B	4.6 B	8.5	37.2	1.4	2.8	0.44	0.98	1.3	3.1	3.1 B	16
17	2.0 B	2.7 B	7.1 B	8.4	32.4	3.5	2.0	0.41	0.74	1.1	3.0	3.4	17
18	2.0 B	2.5 B	13.8 B	8.9	11.3	3.7	1.5	0.4	1.1	1.1	3.2	3.6	18
19	2.0 B	2.3 B	31.1 B	6.5	7.1	2.9	1.2	0.57	1.1	1.0	2.8	3.9	19
20	2.0 B	2.2 B	38.1	39.3	4.9	2.0	9.8	1.1	0.81	0.97	10.7	4.7	20
21	2.0 B	2.2 B	40.4	27.8	3.8	1.5	8.1	0.67	0.69	2.8	10.4	3.6 B	21
22	2.0 B	2.2 B	38.6	16.8	10.0	1.1	2.9	0.51	0.62	8.2	5.9	3.3 B	22
23	2.0 B	2.3 B	45.6	12.9	8.5	0.97	1.9	0.48	0.61	3.0	4.9	3.1 B	23
24	2.0 B	2.4 B	37.2	19.2	5.2	0.91	1.5	0.49	0.6	2.1	2.9	3.1	24
25	2.0 B	2.2 B	32.5	24.2	4.6	0.91	1.3	0.51	0.68	1.7	2.4	3.0	25
26	2.1 B	2.4 B	38.2	12.9	8.2	0.96	1.2	0.55	0.76	1.6	2.8	3.1	26
27	2.0 B	2.3 B	31.2	9.4	4.6	12.3	1.1	0.54	1.1	1.4	4.0	3.0	27
28	2.1 B	2.2 B	21.4	7.8	3.8	3.4	1.0	0.53	0.85	1.3	10.2	2.8	28
29	2.9 B		5.8 B	6.2	3.2	2.6	0.95	0.49	0.75	1.2	7.4	2.6 B	29
30	3.4 B		4.8 B	5.5	2.8	2.4	0.88	0.86	0.8	3.8	6.1	2.5 B	30
31	4.0		9.6 B		2.6		0.87	1.5		21.2		2.5 B	31
TOTAL	68.7	100.0	511.6	510.9	216.1	75.45	68.2	20.65	21.76	73.5	143.6	135.7	TOTAL
MEAN	2.21	3.57	16.5	17.03	6.97	2.51	2.2	0.66	0.72	2.37	4.78	4.37	MEAN
AC-FT	136.26	198.35	1014.75	1013.37	428.63	149.65	135.27	40.95	43.16	145.78	484.83	269.16	AC-FT
MAX	4.0	8.6	45.6	42.7	37.2	12.3	9.8	1.8	1.1	21.2	14.4	15.4	MAX
MIN	2.0	2.2	2.2	5.5	2.6	0.91	0.81	0.4	0.45	0.77	1.9	2.3	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 5.3 CFS

TOTAL DISCHARGE, 3860 AC-FT

MAXIMUM DAILY DISCHARGE, 45.6 CFS

MINIMUM DAILY DISCHARGE, 0.40 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8.1 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED SHALLOW V-SHAPED

CONCRETE CONTROL.

## STALKER CREEK NEAR ORONO - STATION NO. 02HD233

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY																																																																																																
01	2.4 B	2.4 E	16.0 E	38.7 B	7.6 E	1.5	1.0	0.63	0.16	0.74	0.86 E	1.8 E	01																																																																																																
02	2.5 B	2.3 B	15.5 E	126.0 B	7.0 E	2.5	0.82	0.54	0.1	0.68	0.95 E	1.8 E	02																																																																																																
03	2.6 B	2.4 B	13.9 E	60.5 B	6.2 E	11.7	0.71	0.49	0.11	0.63	0.95 E	1.8	03																																																																																																
04	3.0 B	2.4 B	10.4 B	31.9 B	5.8 E	5.4	0.67	0.45	0.11	0.64	0.95 E	1.0	04																																																																																																
05	4.2 B	3.7 B	8.7 B	29.1 B	5.0 E	3.5	0.79	0.42	0.15	0.73	1.0 E	1.7 B	05																																																																																																
06	4.0 B	4.2 B	8.2 B	44.9 B	4.3 E	2.8	10.4	0.38	0.15	0.97	1.3 E	3.7	06																																																																																																
07	3.9 B	3.4 B	7.7 B	54.0 B	4.0 E	4.4	3.0	0.36	0.19	1.1	2.2 E	8.5	07																																																																																																
08	3.1 B	2.7 B	7.0 B	43.0 B	4.1 E	4.9	1.7	0.35	0.27	0.86	1.6 E	5.7	08																																																																																																
09	2.9 B	2.4 B	5.5 B	50.7	4.1 E	2.8	1.5	0.34	0.25	1.3	1.4 E	8.3	09																																																																																																
10	2.9 B	2.4 B	4.6 B	50.2	3.8 E	1.9	1.0	0.41	0.19	4.2	2.1 E	14.6	10																																																																																																
11	3.0 B	2.5 B	4.5 B	36.2	3.6 E	1.6	1.0	0.85	0.2	1.9	1.9 E	12.2	11																																																																																																
12	2.9 B	2.5 B	4.2 B	37.5	5.4 E	1.5	0.76	0.63	0.22	1.3	1.5 E	5.0	12																																																																																																
13	2.3 B	2.5 B	3.8 B	50.2	5.6 E	10.4	0.93	0.48	0.5	1.1	1.5 E	3.8	13																																																																																																
14	2.3 B	2.4 B	3.9 B	34.2	3.9	4.7	1.1	0.46	0.6	2.8	1.4 E	3.1	14																																																																																																
15	2.2 B	2.4 B	18.8 B	21.0	5.2	2.4	0.85	0.44	0.64	2.1	3.8 E	9.0	15																																																																																																
16	2.1 E	2.5 B	38.1 B	19.7	3.1	1.8	0.74	0.42	0.72	1.4	2.8 E	15.0	16																																																																																																
17	2.1 E	2.5 B	37.1 B	18.4	3.2	1.2	1.0	0.4	0.71	1.2	2.2 E	5.8	17																																																																																																
18	2.1 E	2.5 B	33.7 B	16.3	2.0	1.3	0.92	0.39	0.67	1.1	1.8 E	3.2	18																																																																																																
19	2.1 E	2.5 B	29.0	16.0	2.5	1.2	0.8	0.38	0.64	1.0	1.5 E	2.3	19																																																																																																
20	2.1 E	2.8 E	21.0	14.6	2.8	0.91	0.84	0.38	4.4	0.91	2.2 E	3.5	20																																																																																																
21	2.1 E	4.0 E	12.5 B	13.0	2.8	1.0	0.69	0.39	4.4	0.85	5.0 E	5.1 B	21																																																																																																
22	2.1 E	4.3 E	10.6 B	10.8	2.3	1.0	0.65	0.49	1.7	0.85	2.9 E	2.8	22																																																																																																
23	2.1 E	9.6 E	9.1 B	8.9	2.0	0.9	0.88	1.3	1.2	0.94	2.2 E	3.1 B	23																																																																																																
24	2.1 E	15.3 E	7.6 B	8.4	2.0	1.4	0.97	0.74	1.1	0.95 E	1.6 E	8.6	24																																																																																																
25	2.1 E	10.9 E	7.2 B	9.0	3.1	1.9	1.1	0.59	0.92	2.5 E	1.2 E	6.9 B	25																																																																																																
26	2.3 E	9.6 E	7.2 B	8.9	3.1	2.4	1.2	0.56	0.87	3.1 E	1.2 E	4.8 B	26																																																																																																
27	2.4 E	11.9 E	9.0 B	8.0 E	3.6	1.6	1.4	2.3	0.83	2.2 E	1.9 E	3.9 B	27																																																																																																
28	2.2 E	14.8 E	10.8 B	8.3 E	3.2	3.6	0.88	1.0	0.85	1.7 E	2.9 E	3.7 B	28																																																																																																
29	2.2 E	10.8	9.2 E	2.2	1.9	0.96	0.75	1.1	1.3	2.6 E	3.5	29	30	2.2 E	14.6	8.3 E	2.0	1.2	0.96	0.34	0.92	1.0 E	2.1 E	2.3 B	30	31	2.2 E		21.7 B	8	1.7		0.76	0.27		0.86 E		2.9 B	31	TOTAL	78.5	155.6	412.7	885.9	116.2	81.31	40.98	18.33	24.87	42.91	57.51	160.5	TOTAL	MEAN	2.53	4.77	13.31	29.53	3.74	2.71	1.32	0.59	0.82	1.38	1.91	5.17	MEAN	AC-FT	155.7	164.99	818.59	1757.18	220.48	181.27	81.28	36.35	49.32	85.11	114.07	318.35	AC-FT	MAX	4.4	15.3	38.1	126.0	7.6	11.7	10.4	2.3	0.94	1.1	14.0	15.0	MAX	MIN	2.1	2.2	3.8	8.0	1.7	0.9	0.65	0.27	0.1	0.63	0.86	1.7	MIN
30	2.2 E	14.6	8.3 E	2.0	1.2	0.96	0.34	0.92	1.0 E	2.1 E	2.3 B	30																																																																																																	
31	2.2 E		21.7 B	8	1.7		0.76	0.27		0.86 E		2.9 B	31																																																																																																
TOTAL	78.5	155.6	412.7	885.9	116.2	81.31	40.98	18.33	24.87	42.91	57.51	160.5	TOTAL																																																																																																
MEAN	2.53	4.77	13.31	29.53	3.74	2.71	1.32	0.59	0.82	1.38	1.91	5.17	MEAN																																																																																																
AC-FT	155.7	164.99	818.59	1757.18	220.48	181.27	81.28	36.35	49.32	85.11	114.07	318.35	AC-FT																																																																																																
MAX	4.4	15.3	38.1	126.0	7.6	11.7	10.4	2.3	0.94	1.1	14.0	15.0	MAX																																																																																																
MIN	2.1	2.2	3.8	8.0	1.7	0.9	0.65	0.27	0.1	0.63	0.86	1.7	MIN																																																																																																

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 5.6 CFS

TOTAL DISCHARGE, 4070 AC-FT

MAXIMUM DAILY DISCHARGE, 126 CFS

MINIMUM DAILY DISCHARGE, 0.10 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

REMARKS: BROAD-CRESTED SHALLOW V-SHAPED

CONCRETE CONTROL.

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAY
01	2.8 B	1.9 B	2.1 B	52.5 B	7.0	3.2	2.6	0.69	1.2	4.5	4.8	5.8	01
02	2.9	1.9 B	2.3 B	56.0 B	13.4	3.8	1.7	15.9	1.1	3.3	8.8	4.0 B	02
03	2.9	1.9 B	2.1 B	56.7 B	31.1	2.5	1.3	22.8	1.2	2.9	9.9	4.3 B	03
04	2.8	1.9 B	1.9 B	55.6 B	12.9	3.4	1.6	5.1	1.1	2.3	6.0	3.5 B	04
05	2.5 B	1.9 B	1.8 B	30.6 B	9.9	2.5	1.3	2.8	0.99	2.1	6.1	3.6 B	05
06	2.4 B	1.9 B	1.9 B	19.4 B	9.2	1.9	1.2	2.2	0.96	2.7	5.0	22.6	06
07	2.4 B	1.9 B	1.9 B	12.0 B	10.3	1.8	1.0	5.2	0.94	7.6	4.8	10.6 B	07
08	2.4 B	1.9 B	2.2 B	11.4 B	7.5	1.6	0.96	14.0	12.2	3.5	36.3	6.9 B	08
09	3.4 B	1.9 B	2.8 B	20.3 B	6.0	2.9	1.2	24.0	5.7	2.5	18.8	6.6	09
10	7.0 B	1.9 B	2.6 B	43.1 B	4.8	2.2 E	1.2	8.7	2.6	2.2 E	9.9	6.8	10
11	6.0 B	1.9 B	2.5 B	94.8	4.3	1.6 E	1.2	5.0	2.0	1.9 E	8.7	5.0 B	11
12	4.5 B	1.9 B	2.8 B	78.6	3.9	1.3 E	0.98	4.1	1.9	1.8 E	8.0	5.8 B	12
13	4.2 B	2.2 B	3.6 B	157.0	3.8	1.1 E	1.3	3.2	1.7	1.8 E	6.8	6.2 B	13
14	3.9 B	18.9 B	3.2 B	63.7	6.2	1.0 E	4.5	2.9	1.7	1.8 E	6.0	26.6 B	14
15	3.7 B	20.6 B	3.2 B	47.5	8.9	0.97 E	7.4	2.4	1.5	2.1 E	5.6	12.2 B	15
16	2.4	13.3 B	3.5 B	36.8	8.0	0.95 E	20.2	2.1	1.3	1.9 E	5.2 B	7.8 B	16
17	2.9	6.9 B	7.8 B	72.7	9.4	0.86 E	4.0	2.6	1.2	1.8 E	5.8	7.6 B	17
18	5.3 B	5.3 B	10.5 B	38.0	5.5	0.86 E	2.4	2.0	0.99	1.8 E	6.4	7.5 B	18
19	7.5 B	4.1 B	9.6 B	31.0	4.8	0.86 E	2.4	1.7	1.0	1.8 E	6.2	7.5 B	19
20	5.9 B	3.5 B	8.9 B	31.8	3.9	0.86 E	2.0	1.4	0.94	1.9	6.8	7.5 B	20
21	3.9 B	4.3 B	9.0 B	19.5	3.5	1.0 E	1.6	1.2	0.91	1.9	5.8	7.1 B	21
22	3.8 B	3.8	34.9 B	27.5	2.9	7.4	1.5	1.1	0.82	2.9	4.4 B	6.9 B	22
23	11.6 B	3.4 B	56.7 B	30.7	2.5	8.0	4.5	2.8	0.95	28.0	4.2	7.1 B	23
24	9.3 B	3.0 B	30.3 B	18.3	2.3	13.7	6.3	3.9	1.6	13.3	4.6	8.1 B	24
25	7.2 B	2.6 B	22.8 B	13.5	2.2	5.2	7.5	2.5	1.8	7.8	5.5	9.6 B	25
26	3.3 B	2.5 B	17.2 B	11.2	1.9	3.3	3.4	2.0	2.0	5.7	15.0	10.1 B	26
27	2.1 B	2.3 B	12.1 B	9.6	1.8	2.7	2.3	3.7	2.3	4.7	15.0	10.4	27
28	2.0 B	2.2 B	9.8 B	8.6	1.7	2.1	1.6	3.2	1.5	4.8	8.6	8.4 B	28
29	1.9 B	2.1 B	15.4 B	7.9	1.0	1.7	1.3	2.1	1.5	12.3	6.2	8.1 B	29
30	1.9 B		33.3 B	7.3	2.0	2.6	1.1	1.6	8.2	8.5	5.2	7.9 B	30
31	1.9 B			42.6 B	3.0		0.97	1.6		5.4		26.4 B	31
TOTAL	124.7	123.8	341.3	1163.6	197.8	83.86	92.51	154.69	63.8	147.5	251.2	333.3	TOTAL
MEAN	4.02	4.26	11.0	38.78	5.38	2.79	2.98	4.99	2.12	4.75	8.37	10.75	MEAN
AC-FT	247.34	245.55	676.96	2308.0	392.33	166.33	183.49	306.82	126.54	292.56	498.5	661.1	AC-FT
MAX	11.6	20.6	42.6	157.0	51.1	13.7	20.2	24.0	12.2	28.0	36.3	61.2	MAX
MIN	1.9	1.9	1.8	7.3	1.6	0.86	0.96	0.89	0.82	1.8	4.2	3.2	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 8.4 CFS

TOTAL DISCHARGE, 6100 AC-FT

MAXIMUM DAILY DISCHARGE, 157 CFS

MINIMUM DAILY DISCHARGE, 0.82 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8.1 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED SHALLOW V-SHAPED CONCRETE CONTROL.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAY
01	46.1 B	3.6 B	2.4 B	81.6	7.9	13.0	2.6	2.9	0.48	0.64	11.1	3.5 B	01
02	21.5 B	70.4 B	3.7 B	55.0	10.9	9.3	2.4	1.8	0.5	0.75	5.5	3.1	02
03	13.3 B	52.6 B	29.0 B	54.9	21.3	5.8	1.6	1.2	0.49	3.1	6.5	3.1	03
04	22.5	10.8 B	64.2 B	33.9	11.9	5.0	1.6	0.94	0.44	1.6	3.3	3.4	04
05	20.1 B	6.0 B	15.0 B	40.3	9.3	8.3	1.8	0.72	0.42	2.1	2.5	4.8	05
06	6.9 B	5.0 B	32.8 B	20.1	6.6	5.8	1.5	0.63	0.41	1.4	2.3	4.5	06
07	3.8 B	4.3 B	38.4 B	15.4	5.4	6.8	1.3	0.59	0.39	1.2	2.4	3.5	07
08	3.5 B	3.7 B	33.4 B	12.8	8.1	5.1	1.6	0.58	0.38	1.0	3.1	3.0 B	08
09	3.4 B	2.0 B	10.1	10.7	24.0	3.8	1.1	0.54	0.37	0.91	2.9	3.2	09
10	3.3 B	2.4 B	17.2	11.0	13.5	2.8	0.9	0.52	0.41	0.84	2.2	3.3 B	10
11	3.0	2.3 B	49.3	11.1	30.2	2.8	0.88	0.51	0.42	0.81	2.0	3.6 B	11
12	2.9	2.0 B	33.7	9.2	17.5	2.7	0.81	0.47	0.42	0.83	2.1	3.1 B	12
13	3.0 B	2.1 B	19.2	8.1	12.3	2.5	0.85	0.43	0.43	0.98	2.1	3.0 B	13
14	3.0 B	2.2 B	17.5	7.5	9.0	2.0	0.95	0.43	0.45	2.1	2.0	3.0 B	14
15	3.3 B	2.2 B	26.8	7.5	7.9	1.8	1.0	0.42	0.45	1.4	7.1	2.2 B	15
16	3.7 B	2.1 B	20.3	7.4	7.3	1.8	0.89	0.4	0.44	1.1	9.9	1.8 B	16
17	4.2 B	2.1 B	66.8	7.9	8.4	1.9	0.78	0.39	0.46	1.1	4.1	1.7 B	17
18	13.5 B	2.1 B	26.3	6.8	6.9	2.3	0.72	1.8	2.2	1.1	3.7	1.0 B	18
19	48.4	2.1 B	14.1	7.5	5.8	2.6	0.69	1.8	1.2	3.9	1.6 B	19	
20	30.5 B	2.1 B	12.3	6.9	4.9	2.3	0.72	1.1	0.91	2.0	3.1	1.6 B	20
21	24.2 B	2.2 B	11.7	5.8	5.5	1.9	0.7	0.86	0.8	1.5	2.1	1.6 B	21
22	35.0	2.1 B	10.7	9.4	4.5	1.8	0.59	0.76	1.6	1.2	3.8	1.0 B	22
23	43.3	2.2 B	13.3	9.3	3.8	1.7	0.5	0.6	2.2	1.2	3.7	1.6 B	23
24	17.2	2.3 B	15.9	6.4	3.7	2.1	0.54	0.57	2.0	1.1	7.2	1.0 B	24
25	9.2 B	2.2 B	15.2	5.4	3.8	2.3	0.63	0.55	1.2	1.0			25
26	9.3	2.2 B	13.5	4.7	4.7	1.8	0.79	0.52	1.1	0.95	3.8	4.0 B	26
27	10.4	2.1 B	10.6	6.6	5.7	1.6	0.95	1.1	0.97	0.9	5.6	16.4 B	27
28	8.9	2.2 B	9.4	24.3	24.3	14.6	0.98	1.2	0.91	0.92	8.9	16.4 B	28
29	4.8 B		11.8	16.0	14.9	10.3	1.4	0.74	0.84	3.4	7.6	10.1 B	29
30	4.2 B		20.7	8.5	9.4	3.6	0.94	0.51	0.69	7.7	4.8	5.0 B	30
31	3.9 B		23.0	19.4		0.79	0.51		6.7		9.7	8	31
TOTAL	428.1	200.4	694.3	512.0	529.4	132.1	33.5	26.09	23.98	52.73	135.0	124.0	TOTAL
MEAN	13.8	7.15	22.39	17.06	10.62	4.4	1.08	0.84	0.79	1.7	4.5	4.0	MEAN
AC-FT	849.13	397.49	1377.14	1015.55	652.36	262.02	66.44	51.74	47.56	104.58	207.77	245.95	AC-FT
MAX	48.4	70.4	66.8	81.6	30.4	14.6	2.6	2.9	2.2	7.7	11.1	10.4	MAX
MIN	2.9	2.1	2.4	4.7	3.7	1.6	0.5	0.39	0.37	0.64	2.0	1.6	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 7.4 CFS

TOTAL DISCHARGE, 5340 AC-FT

MAXIMUM DAILY DISCHARGE, 82 CFS

MINIMUM DAILY DISCHARGE, 0.37 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,

ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8.1 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED SHALLOW V-SHAPED CONCRETE CONTROL.

## STALKER CREEK NEAR ORONO - STATION NO. 02HD233

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.05 B	10.8 B	20.8 B	35.3	8.0	3.4	5.3	2.2	1.2	2.6	2.4	2.2	01
02	4.3 B	7.4 B	13.0	76.1	5.0	2.7	3.5	2.0	1.1	2.5	2.4	2.0	02
03	4.1 B	5.1 B	10.2	27.3	4.7	2.5	52.2	1.8	1.9	2.1	2.0	2.5	03
04	3.9 B	3.4 B	35.2	102.0	4.5	2.4	13.1	7.0	1.7	1.9	3.1	2.1	04
05	2.0 B	2.2 B	124.0	25.4	3.9	2.0	5.7	4.3	1.2	1.8	2.8	1.3	05
06	3.7 B	1.8 B	30.8	14.1	6.7	1.9	3.7	2.4	0.95	1.7	3.2	2.1	06
07	3.5 B	1.9 B	31.8	13.2	5.8	1.8	3.4	1.8	0.8	2.4	2.6	2.4	07
08	3.4 B	1.8 B	11.1 B	10.8	4.7	1.6	2.3	1.5	0.76	2.2	2.3	12.8	08
09	3.3 B	1.8 B	5.9 B	8.1	12.0	1.6	1.9	1.3	0.76	2.0	2.1	8.6 B	09
10	3.1 B	1.8 B	5.5 B	7.7	11.0	1.6	3.7	1.2	0.79	2.1	2.1	4.4 B	10
11	3.0 B	1.8 B	5.2 B	7.5	6.3	1.5	2.3	1.2	0.81	1.8	2.1	3.3	11
12	2.9 B	1.8 B	4.9 B	9.3	27.2	1.6	1.7	1.2	0.99	1.8	4.0	7.8	12
13	2.8 B	1.8 B	4.5 B	15.6	24.2	1.5	1.4	1.5	1.4	1.8	5.6	7.6	13
14	2.8 B	1.8 B	4.2 B	25.4	13.1	1.5	1.5	1.1	1.0	6.1	6.0	5.6	14
15	2.0 B	1.9 B	4.0 B	29.3	15.4	3.4	3.3	0.97	0.86	4.9	4.6 B	15	
16	3.0 B	1.9 B	4.1 B	12.8	16.3	7.6	1.9	0.88	0.81	2.9	3.1	8.9	16
17	2.0 B	1.9 B	4.0 B	9.7	47.2	5.3	1.4	0.94	0.79	2.6	3.3	10.8 B	17
18	2.4 B	1.8 B	3.9 B	8.6	13.6	4.0	1.5	0.98	0.82	2.3	3.4	6.5 B	18
19	2.2 B	2.0	4.0 B	7.1	8.4	13.1	1.4	0.83	0.79	2.0	3.0	4.9	19
20	2.5 B	2.1	3.9 B	6.2	0.5	20.1	1.2	0.76	0.74	1.9	14.8	4.3 B	20
21	5.9 B	2.4	4.0 B	6.0	5.6	6.1	1.1	0.77	0.69	1.8	21.7	4.0 B	21
22	6.8 B	3.1	4.1 B	14.1	5.0	3.6	0.98	0.7	0.75	1.8	7.3	3.9	22
23	9.1	10.1 B	5.0 B	23.0	4.6	2.5	1.0	0.74	0.73	1.9	4.8	4.1	23
24	10.8 B	8.6 B	4.5 B	14.9	3.9	2.1	1.2	0.88	0.75	1.8	6.8	5.3	24
25	9.4 B	5.3 B	4.3 B	9.4	4.6	2.3	3.0	0.78	1.1	1.8	5.4	5.2	25
26	8.7 B	3.4 B	4.2 B	7.4	4.2	2.3	2.5	0.72	1.7	1.8	2.9 B	3.8 B	26
27	120.0	3.3	4.0 B	6.2	4.1	2.1	3.5	6.0	1.2	1.7	2.5 B	3.7	28
28	38.3	11.8	3.9 B	5.6	4.5	1.9	2.4	2.8	2.9	1.7	2.4 B	4.0	29
29	20.6	3.8 B	6.3	0.1	0.0	3.3	1.8	1.42	1.6	2.3	2.3 B	4.8	30
30	18.8	6.6 B	6.8	4.9	8.2	6.7	1.5	4.2	2.3	2.3	2.3 B	4.8	
31	20.0 B		48.4		3.8		2.9	1.3		2.8		4.1 B	31
TOTAL	331.5	140.4	425.8	551.2	330.8	116.0	140.98	53.85	48.39	70.4	134.1	152.7	TOTAL
MEAN	10.69	5.01	13.73	18.37	10.67	3.86	4.54	1.73	1.61	2.27	4.47	4.92	MEAN
AC-FT	557.53	278.48	844.57	1093.3	656.14	230.08	279.63	106.81	95.98	139.63	265.98	302.88	AC-FT
MAX	120.0	33.1	124.0	102.0	57.2	20.1	52.2	7.0	14.2	6.1	21.7	12.8	MAX
MIN	2.4	1.8	3.8	5.6	3.8	1.5	0.98	0.7	0.69	1.6	2.0	1.8	MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 6.8 CFS

TOTAL DISCHARGE, 4950 AC-FT

MAXIMUM DAILY DISCHARGE, 124 CFS

MINIMUM DAILY DISCHARGE, 0.69 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,

ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8.1 SQUARE MILES.

REMARKS: BROAD-CRESTED SHALLOW V-SHAPED

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## STALKER CREEK NEAR ORONO - STATION NO. 02HD233

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.8	2.0 B	4.5 B	6.0 B	6.6	1.1	0.51	1.3	0.96	1.5	6.9	01	
02	3.6 B	1.9 B	3.9 B	6.7 B	6.3	3.4	1.5	0.47	1.1	1.2	2.9	2.9 B	02
03	3.3	1.8 B	3.3 B	6.6 B	5.0	2.5	0.48	1.4	0.73	1.0	2.2	2.4 B	03
04	3.7	1.8 B	3.1 B	6.0 B	10.8	2.2	0.42	0.73	0.64	0.89	2.0	2.2 B	04
05	3.4 B	1.8 B	3.0 B	6.6 B	24.3	2.2	0.41	0.46	0.56	0.87	1.4	2.3	05
06	3.1	1.8 B	3.0 B	6.6 B	10.8	3.6	0.41	0.45	0.52	0.82	1.3	11.7	06
07	3.5	1.8 B	3.0 B	7.2	7.9	2.5	0.42	0.43	0.51	0.77	1.3	4.3	07
08	4.9	1.8 B	2.9 B	12.5	5.7	2.1	0.42	0.4	0.47	0.73	1.6	2.4	08
09	46.0	1.8 B	2.9 B	17.3 B	4.6	1.7	0.41	0.36	0.36	0.71	1.4	1.9	09
10	18.7	1.8 B	2.8 B	14.6 B	3.9	1.4	0.52	0.35	0.36	0.76	8.1	2.2	10
11	30.1	1.7 B	2.8 B	11.0 B	3.0	1.3	2.0	0.54	0.51	0.96	4.8	2.3	11
12	9.7 B	1.7 B	4.7 B	11.9 B	3.5	6.1	1.0	0.43	4.1	0.93	2.6	2.1	12
13	4.3 B	1.7 B	14.2 B	11.5	3.9	3.7	0.8	0.39	1.5	1.0	2.1	2.2	13
14	3.6 B	1.7 B	9.0 B	12.9	3.1	2.9	0.68	0.36	1.1	1.4	1.7	2.9	14
15	3.0 B	1.7	7.1 B	14.6	2.9	2.4	0.53	0.36	0.84	1.1	1.5	27.8	15
16	3.0 B	1.7	15.8 B	15.4	3.6	4.6	0.48	0.36	0.95	0.97	1.4	6.0 B	16
17	2.8 B	1.8	32.0 B	10.1	2.9	2.5	0.44	0.35	0.97	0.89	1.4	2.8 B	17
18	2.6 B	17.8 B	41.2	17.3	2.5	1.6	0.41	0.31	1.7	2.3	1.3	2.0 B	18
19	2.4 B	7.6 B	111.0	111.0	2.5	3.9	0.83	0.31	7.4	2.0	1.4	1.5 B	19
20	2.2 B	6.0 B	52.4	23.5	2.4	3.4	1.6	0.3	5.6	1.6	1.4	1.4 B	20
21	2.0 B	4.6 B	15.0	13.5	4.2	1.8	3.6	0.33	3.9	1.6	2.1	1.3 B	21
22	2.0 B	15.5 B	52.6	10.3	3.3	1.5	1.3	0.32	2.1	1.3	2.2	1.3 B	22
23	2.0 B	65.1	23.3	9.3	2.4	1.1	0.82	0.31	2.3	1.2	1.6	1.3 B	23
24	2.3	260.0	27.9	33.1	2.1	0.91	0.97	1.0	1.7	1.0	1.4	1.3 B	24
25	4.5	44.3	37.4	14.8	1.8	0.88	0.97	1.1	1.4	0.97	1.3	1.3 B	25
26	11.3 B	9.0 B	7.2 B	10.6	1.8	0.95	0.66	0.88	1.3	0.94	1.1	1.3 B	26
27	5.1 B	6.4 B	3.8 B	8.1	1.9	1.3	1.4	0.71	1.2	0.9	5.4	1.2 B	27
28	3.9 B	5.2 B	6.1 B	7.2	1.6	0.99	2.7	0.5	1.1	0.88	4.4	1.2 B	28
29	3.3 B	12.0	6.8	1.4	0.67	1.1	0.54	0.96	0.86	2.6	1.2	2.9	29
30	2.8 B	9.2 B	6.0	5.7	0.58	0.96	2.4	0.96	0.79	3.1	2.9	3.0	
31	2.4 B		6.8 B		10.3		0.79	1.1		0.77		7.0 B	31
TOTAL	199.6	472.0	523.9	455.9	153.3	71.28	50.13	18.46	48.14	33.07	68.5	111.5	TOTAL
MEAN	6.43	16.85	16.9	15.19	4.94	2.37	0.97	0.59	1.6	1.06	2.28	3.59	MEAN
AC-FT	395.9	930.21	1039.15	904.27	304.07	141.38	59.76	36.61	95.48	65.59	135.86	221.16	AC-FT
MAX	46.0	260.0	111.0	111.0	24.3	6.6	3.6	2.4	7.4	2.3	8.1	27.8	MAX
MIN	2.0	1.7	2.8	6.0	1.4	0.58	0.41	0.3	0.36	0.71	1.1	1.2	MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 6.0 CFS

TOTAL DISCHARGE, 4340 AC-FT

MAXIMUM DAILY DISCHARGE, 260 CFS

MINIMUM DAILY DISCHARGE, 0.30 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,

ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8.1 SQUARE MILES.

REMARKS: BROAD-CRESTED SHALLOW V-SHAPED

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	3.0 B	1.7 B	27.2 B	53.9	5.2	9.6				1.1	2.3	0.838	01	
02	2.4 B	1.8 B	16.4 B	22.9	5.3	5.2				1.1	1.5	0.838	02	
03	2.3 B	1.8 B	14.6 B	16.0	10.6	3.5				0.97	1.9	0.838	03	
04	2.2 B	1.7 B	14.2 B	12.4	6.5	2.8				1.1	1.5	0.838	04	
05	2.2 B	1.8 B	29.3 B	9.7	5.4	2.4				0.99	1.6	0.838	05	
06	2.1 B	1.8 B	31.2 B	8.8	9.1	1.9				0.84	1.6	0.918	06	
07	2.1 B	1.8 B	18.3 B	7.7	45.4	1.7				2.2	1.5	0.918	07	
08	2.0 B	1.9 B	13.0 B	6.9	17.1	1.8				1.9	1.3	0.918	08	
09	2.0 B	1.9 B	11.0 B	6.3	9.6	1.6				2.0	1.2	0.918	09	
10	1.9 B	1.9 B	10.3 B	6.3	7.3	1.4				3.9	1.5	0.918	10	
11	1.7 B	2.2 B	9.7 B	5.7	9.2	1.4				1.5	2.1	0.918	11	
12	1.8 B	2.0 B	9.0 B	4.6	15.9	1.1				1.3	1.7	0.918	12	
13	1.7 B	1.8 B	18.1 B	5.3	7.5	1.2				1.1	1.5	0.918	13	
14	1.7 B	1.8 B	17.5 B	5.0	6.5	3.5				1.5	1.4	0.998	14	
15	1.7 B	1.9 B	9.6 B	13.8	7.8	2.3				0.95	1.3	1.6	0.838	15
16	1.7 B	2.5	8.5 B	31.0	14.5	2.3				0.81	1.2	1.9	0.838	16
17	1.7 B	2.4	7.0 B	12.1	57.1	3.7				0.9	1.1	1.5	0.758	17
18	1.7 B	2.7	6.3 B	8.2	19.4	2.2				1.2	1.1	1.7	0.758	18
19	1.7 B	40.3	13.4	6.4	17.3	2.0				1.1	1.1	1.8	0.758	19
20	1.6 B	35.8	68.5	5.2	19.5	3.0				1.2	1.7	1.8	1.1 B	20
21	1.6 B	22.8	100.0	4.7	9.0	1.9				2.2	3.7	1.2	0.6 B	21
22	1.6 B	62.1	25.9 B	7.9	6.9	3.8				1.6	2.6	1.2	0.6 B	22
23	1.6 B	24.1 B	25.9 B	11.4	5.9	3.1				1.9	2.2	1.3	0.6 B	23
24	1.6 B	20.2 B	51.3	6.5	5.0	1.9				1.9	2.0	1.4	0.6 B	24
25	1.6 B	29.5 B	67.3	34.0	5.2	6.9				1.4	2.2	1.3	0.528	25
26	30.5 B	49.0	32.1	29.6	4.8	4.0				1.3	2.8	2.9	0.528	26
27	26.7 B	55.0	50.4	17.4	4.5					2.1	1.7	9.9	0.528	27
28	3.9 B	40.7	36.8	11.7	3.8					1.7	1.6	5.1	0.488	28
29	2.3 B	29.1	18.2	8.0	3.4					1.3	1.6	2.3 B	0.488	29
30	1.8 B		18.3	6.0	3.0					1.2	1.5	1.1 B	0.488	30
31	1.7 B		46.5		7.6						1.6		0.488	31
TOTAL	114.3	444.0	825.8	385.4	355.3					53.8	60.7	23.31	TOTAL	
MEAN	3.68	15.31	26.63	12.84	11.46					1.73	2.02	0.75	MEAN	
AC-FT	226.71	880.67	1637.97	764.44	704.73					106.71	120.39	46.23	AC-FT	
MAX	30.5	62.1	100.0	53.9	57.1					3.9	9.9	1.1	MAX	
MIN	1.6	1.7	6.3	4.6	3.0					0.84	1.1	0.48	MIN	

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS TOTAL DISCHARGE, AC-FT MAXIMUM DAILY DISCHARGE, 100 CFS MINIMUM DAILY DISCHARGE, 1.60 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 8.1 SQUARE MILES.  
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## STALKER CREEK NEAR ORONO - STATION NO. 02HD233

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	0.488	0.428	1.4	8.0 E	3.4	1.8	0.92	0.2	0.62	14.6	2.4	59.6	01
02	0.488	0.428	1.4	11.0 E	4.0	1.3	0.63	0.14	7.8	15.0	2.4	25.3	02
03	0.488	0.448	1.5	30.0 E	3.1	0.91	0.46	0.13	4.8	7.1	2.4	12.4	03
04	0.488	0.438	15.1	11.0 E	2.7	1.2	0.45	0.22	1.7	4.3	2.4	9.6 B	04
05	0.488	0.418	38.4	25.0 E	2.7	0.68	0.52	0.32	1.2	3.3	2.8	6.3 B	05
06	0.478	0.398	23.1	10.2	2.9	0.43	0.84	0.86	0.96	3.1	2.5	7.7 B	06
07	0.478	0.388	14.4	8.0	2.1	0.38	1.4	0.53	0.73	2.6	8.3	7.3 B	07
08	0.468	0.398	14.9	7.1	2.0	0.63	1.8	0.36	0.69	11.2	44.3	7.2 B	08
09	0.458	0.418	7.6	2.5	0.47	0.93	0.31	0.54	32.6	12.0	7.2 B	09	
10	0.458	0.428	8.3	2.1	0.34	0.53	3.4	0.59	12.2	25.0	7.2 B	10	
11	0.458	0.468	7.4	2.2	0.31	0.41	7.0	0.52	6.8	21.8	7.2 B	11	
12	0.458	0.5 d	6.7	2.0	0.38	0.42	1.4	0.47	5.9	8.9	7.2 B	12	
13	0.458	0.928	6.2	1.6	0.37	0.46	0.75	0.98	4.8	5.1	7.1 B	13	
14	0.448	0.576	9.5	1.5	0.3	0.4	0.74	2.8	4.2	4.9	27.7	14	
15	0.448	0.518	4.5	0.97	0.3	0.33	0.51	1.4	4.1	5.5	32.2	15	
16	0.438	0.548	4.0	0.94	0.29	0.31	2.7	3.0	4.6	15.3	25.9	16	
17	0.438	0.578	3.6	0.98	0.37	0.47	11.6	7.4	4.0	44.4	21.5	17	
18	0.398	0.618	3.4	1.0	1.4	0.33	1.8	2.9	3.5	18.7	16.8	18	
19	0.4 B	0.648	3.3	1.2	1.8	0.25	0.92	2.4	3.5	13.2	15.1	19	
20	0.398	0.668	3.1	0.94	1.0	0.3	0.7	10.0	3.3	8.7	14.3	20	
21	0.418	0.7 B	3.4	0.78	1.2	0.25	0.56	7.1	3.1	9.5	20.5	21	
22	0.4 B	0.718	8.3	1.0	0.59	0.2	3.0	3.4	3.1	7.8	18.3	22	
23	0.418	0.718	27.4	0.88	0.48	0.18	1.4	2.4	2.9	8.5	14.4	23	
24	0.438	1.1	25.2	0.54	0.44	0.19	1.3	2.1	2.6	18.2	13.1	24	
25	0.428	1.3	22.3	0.81	1.8	0.18	1.1	19.5	3.0	9.9	33.2	25	
26	0.438	1.2	11.4	0.47	1.5	0.13	0.63	15.1	2.7	19.3	19.3 B	26	
27	0.428	1.3	7.7	0.4	0.76	0.15	0.51	8.9	2.6	8.5 B	12.3 B	27	
28	0.428	1.3	5.9	0.38	0.48	0.61	0.48	4.5	2.5	6.0 B	9.2 B	28	
29	0.438	4.4	4.4	1.1	0.75	0.42	3.3	2.4	5.7	7.6 B	29		
30	0.418	3.8	0.47	1.2	0.14	0.4	3.0	2.3	6.4	6.8 B	30		
31	0.438			0.32		0.19	0.4		2.3		6.5 B	31	
TOTAL	13.58	18.41	293.7	47.32	24.21	15.13	44.79	120.8	180.2	351.8	488.0	TOTAL	
MEAN	0.43	0.65		9.79	1.52	0.8	0.48	1.44	4.02	5.81	11.72	15.74	MEAN
AC-FT	26.93	36.51	582.55	93.85	48.02	30.01	88.84	239.6	357.42	697.79	967.94	AC-FT	
MAX	0.48	1.3	30.0	4.0	1.8	1.8	11.6	19.5	32.6	44.4	59.5	MAX	
MIN	0.39	0.38	3.1	0.32	0.29	0.13	0.13	0.47	2.3	2.4	6.5	MIN	

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS TOTAL DISCHARGE, AC-FT MAXIMUM DAILY DISCHARGE, 59.6 CFS MINIMUM DAILY DISCHARGE, 0.13 CFS

LOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 8.1 SQUARE MILES.  
REMARKS: BROAD-CRESTED SHALLOW V-SHAPED CONCRETE CONTROL.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## STALKER CREEK NEAR ORONO - STATION NO. 02HD233

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.5 B	6.6 B	3.4 B	118.0	5.4	2.2							01
02	6.5 B	5.3 B	3.3 B	61.7	5.4	2.3							02
03	6.6 B	6.1 B	3.3 B	27.9	5.1	2.2							03
04	6.1 B	5.9 B	3.2 B	27.3	4.7	1.9							04
05	6.1 B	5.8 B	3.2 B	50.2	5.2	2.0							05
06	6.1 B	5.7 B	3.2 B	39.2	7.6	2.0							06
07	6.0 B	5.4 B	3.1 B	81.6	8.2	2.0							07
08	14.6 B	5.2 B	3.1 B	36.1	6.5	2.6							08
09	33.3 B	5.0 B	3.0 B	23.9	24.2	2.3							09
10	17.1 B	4.8 B	3.1 B	22.4	11.1	2.0							10
11	11.6 B	4.7 B	3.2 B	43.0	7.7	1.7							11
12	9.5 B	4.7 B	3.4 B	39.6	7.7	1.5							12
13	8.9 B	4.6 B	3.7 B	32.7	10.5	2.7							13
14	8.6 B	4.5 B	8.3 B	23.4	41.5	2.2							14
15	8.2 B	4.3 B	19.1 B	16.3	37.9	1.6							15
16	7.3 B	4.0 B	16.6 B	15.2	15.6								16
17	7.3 B	4.0 B	12.3 B	14.9	13.2								17
18	6.7 B	3.9 B	9.9 B	13.5	10.8								18
19	6.4 B	3.9 B	8.6 B	22.9	9.8								19
20	6.0 B	3.8 B	8.3 B	48.3	9.1								20
21	5.8 B	3.7 B	23.7	40.1	16.3								21
22	5.5 B	3.7 B	45.2	17.7	7.2								22
23	5.3 B	3.6 B	54.2	13.2	5.0								23
24	5.4 B	3.6 B	48.1	11.3	4.8								24
25	5.8 B	3.5 B	28.0	9.5	4.1								25
26	14.6 B	3.5 B	15.1	8.5	3.5								26
27	12.9 B	3.4 B	12.5	8.0	3.3								27
28	11.1 B	3.4 B	13.7	6.9	3.0								28
29	9.3 B		19.2	6.1	2.6								29
30	8.1 B		34.6	5.6	2.4								30
31	7.6 B		54.2		2.4								31
TOTAL	281.3	127.6	474.0	885.0	301.8								TOTAL
MEAN	9.07	4.55	15.25	29.5	9.73								MEAN
AC-FT	557.95	253.09	540.17	1755.39	598.62								AC-FT
MAX	33.3	6.6	54.2	118.0	41.5								MAX
MIN	5.3	3.4	3.0	5.6	2.4								MIN

## SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FTLOCATION: AT THE BRIDGE ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 2 MILES SOUTHWEST OF THE COMMUNITY OF ORONO.B - ICE CONDITIONS  
E - ESTIMATEDMAXIMUM DAILY DISCHARGE, CFS  
MINIMUM DAILY DISCHARGE, CFS

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 8.1 SQUARE MILES.

REMARKS: BROAD-CRESTED SHALLOW V-SHAPED

CONCRETE CONTROL. STATION DISCONTINUED JUNE 1978.

## ORONO CREEK NEAR ORONO - STATION NO. 02HD234

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01													3.4 01
02													3.4 02
03													3.0 03
04													3.4 04
05													3.2 05
06													3.1 06
07													3.3 07
08													4.5 08
09													4.2 09
10													3.8 10
11													12.5 11
12													7.1 12
13													5.2 13
14													4.6 14
15													4.1 15
16													3.7 16
17													3.6 17
18													3.9 18
19													3.9 19
20													3.8 20
21													3.7 21
22													3.6 22
23													4.1 23
24													3.3 24
25													3.5 25
26													3.5 F 26
27													3.5 E 27
28													3.5 E 28
29													3.7 29
30													3.5 E 30
31													3.5 E 31
TOTAL													127.5 TOTAL
MEAN													4.11 MEAN
AC-FT													252.89 AC-FT
MAX													12.5 MAX
MIN													3.1 MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FTLOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.B - ICE CONDITIONS  
E - ESTIMATEDMAXIMUM DAILY DISCHARGE, CFS  
MINIMUM DAILY DISCHARGE, CFS

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 6.8 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL  
WITH RECTANGULAR CENTRAL NOTCH.

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.3 E	3.7	3.2 B	9.4	8.0	4.4	3.7	4.6	3.9	4.1	8.8	4.1	01
02	3.3 E	4.9	3.4	20.3	7.1	5.1	3.8	4.0	3.6	4.4	5.7	3.9	02
03	3.5	5.3	3.4	24.7	6.4	5.2	3.7	3.9	3.6	4.7	4.6	3.8	03
04	3.5	4.1 B	4.7	16.7	6.0	5.0	3.7	3.5	3.8	4.1	5.5	4.4	04
05	3.5	3.8	7.2	14.1	5.6	4.9	3.5	3.5	3.6	4.4	3.7	4.2	05
06	3.4 B	3.7	7.0	15.1	5.4	5.0	3.1	3.5	3.5	4.3	3.5	3.8	06
07	3.4 B	3.6	6.8	18.0	5.2	5.1	2.9	3.5	3.2	4.4	3.4	3.2	07
08	3.3 B	3.6	5.1 B	19.6	6.6	4.9	2.7	3.5	3.2	4.3	3.3	3.2	08
09	3.2 B	3.8	4.4 B	17.5	6.8	4.7	2.7	3.2	4.2	4.2	5.4	8.3	09
10	3.0 B	3.8	4.0 B	11.1	5.9	4.6	5.8	2.3	4.0	3.9	4.6	7.2	10
11	2.9 B	3.9	4.0 B	8.1	5.5	5.8	4.0	3.0	3.8	4.0	4.0	4.7	11
12	2.7 B	3.6 B	4.3 B	7.7	5.2	6.0	3.3	3.0	3.7	4.3	4.4	3.7	12
13	2.5 B	3.2 B	5.3	7.8	5.2	4.6	2.9	2.9	3.8	4.9	4.0	3.8	13
14	2.4 B	3.1 B	5.8	7.9	5.1	4.3	3.7	3.0	3.9	5.4	3.7	3.8	14
15	2.6 B	3.4	5.1 B	7.5	5.9	4.2	5.3	3.3	3.8	4.3	3.8	3.8	15
16	3.1	3.3	4.6 B	7.0	16.4	4.3	4.9	3.3	4.4	4.0	3.7	3.9	16
17	3.2	3.4	5.1 B	6.7	15.6	5.2	4.4	3.0	4.0	3.9	3.6	4.0	17
18	3.3 B	3.4	10.6	9.0	8.4	5.1	3.9	2.9	4.7	3.8	3.7	4.1	18
19	3.2 B	3.4	21.6	8.0	6.7	4.6	3.8	3.9	4.4	3.9	3.6	4.4	19
20	3.1 B	3.3	23.4	25.0	5.7	4.3	7.8	4.2	4.0	4.2	7.2	4.4	20
21	3.0 B	3.2 B	25.4	16.8	5.1	4.0	6.0	3.6	4.1	5.5	5.6	3.9	21
22	2.9 B	3.5	25.9	12.4	7.2	3.5	4.7	3.5	4.0	7.0	4.5	3.9	22
23	2.7 B	3.3 B	25.8	10.6	6.5	3.3	4.3	3.4	3.9	4.3	4.1	3.6	23
24	2.9 B	3.5	22.8	13.3	5.5	3.2	4.1	3.1	3.9	3.9	4.0	2.4	24
25	3.2	3.4 B	22.6	14.4	5.6	3.3	4.1	3.0	4.1	3.7	3.4	4.0	25
26	3.3	3.5 B	29.0	10.0	7.0	3.8	4.0	3.2	4.2	3.5	3.6	4.0	26
27	3.3	3.3	20.6	8.4	5.3	9.0	3.9	3.1	4.7	3.5	3.9	2.7	27
28	3.3	3.2	13.8	7.5	5.0	4.1	3.7	3.4	4.4	3.4	6.1	3.7	28
29	4.2		8.8 B	6.8	4.5	4.1	3.8	3.5	4.3	3.2	4.7	3.6	29
30	3.6 B		6.7 B	6.5	4.4	3.9	3.7	4.2	4.2	5.0	4.3	3.6 E	30
31	3.9		7.0 B		4.4		3.8	4.7		11.5		3.6 E	31
TOTAL	98.7	101.2	347.4	367.9	203.2	139.5	125.7	106.7	119.3	140.4	131.2	129.9	TOTAL
MEAN	3.18	3.61	11.2	12.26	6.55	4.65	4.05	3.44	3.97	4.52	4.57	4.19	MEAN
AC-FT	195.77	200.73	689.06	729.72	403.04	276.69	249.32	211.63	236.63	278.48	260.23	257.65	AC-FT
MAX	4.2	5.3	29.0	25.0	16.4	9.0	7.8	4.7	11.5	8.0	8.3	MAX	
MIN	2.4	3.1	3.2	6.5	4.4	3.2	2.7	2.3	3.2	3.3	3.2	3.2	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 5.5 CFS

TOTAL DISCHARGE, 3990 AC-FT

MAXIMUM DAILY DISCHARGE, 29.0 CFS

MINIMUM DAILY DISCHARGE, 2.3 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 6.8 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL

WITH RECTANGULAR CENTRAL NOTCH.

## ORONO CREEK NEAR ORONO - STATION NO. 02HD234

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.6 E	3.3 E	16.2	17.3	6.5	3.0 E	4.2	3.7	3.6	3.6	2.5	3.2	01
02	3.7 E	3.3	11.8	7.4	4.8 E	3.6	3.5	3.6	3.6	2.6	3.2	3.0 E	02
03	3.9 E	3.3	7.4	31.7	6.7	20.8 E	3.1	3.3	3.6	2.4	3.5 E	03	
04	4.4 E	3.4	5.9	16.7	5.9	8.3 E	2.8	3.4	3.5	2.5	3.5 E	04	
05	5.8 E	4.4	6.0	16.8	5.4	6.6	3.2	3.3	3.6	2.4	3.2 E	05	
06	3.2 E	4.8	5.7	26.1	5.3	6.2	10.7	3.3	3.6	3.8	4.9	6.3 E	06
07	3.5 E	4.1	5.7	39.2	5.0	6.1	5.1	3.3	3.5	4.7	4.7 E	07	
08	3.5 E	3.9	4.6 B	30.3	5.2	6.4	4.5	3.2	3.5	2.5	6.8	09	
09	3.5 E	3.8	3.7 B	54.8	5.9	5.9	4.0	2.9	4.6	2.5	6.8	09	
10	3.6 E	3.7	4.6 B	43.9	5.0	5.3	3.7	3.3	3.2	2.9	6.7	10	
11	3.7 E	3.7	4.7	29.7	4.5	5.2	3.5	3.5	3.4	4.8	3.1	7.1	11
12	3.7 E	3.8	4.8	23.3	5.7	5.3	3.3	3.3	3.4	4.1	4.9	12	
13	3.6 B	3.8 B	4.5	30.2	5.7 E	11.0	4.1	3.2	3.8	5.8	4.1	13	
14	3.7	3.5 B	4.7	20.9	4.4 E	6.9	3.7	3.5	3.8	2.8	4.1	14	
15	3.6 B	4.1 B	9.4	14.0	3.9 E	5.9	3.3 E	3.5	3.7	4.9	3.3	15	
16	3.8	3.7	23.3	13.1	3.9 E	5.5	3.1 E	3.1	3.6	4.4	3.0	7.5	16
17	3.7 B	3.7	19.4	12.3	3.9 E	5.2	3.2 E	2.9	3.7	4.4	2.8	5.2	17
18	3.3 E	3.8	14.7	11.2	3.9 E	5.0	3.5 E	2.9	3.6	4.4	3.9 B	18	
19	3.3 E	3.8	13.2	10.9	3.9 E	5.0	3.5 E	3.0	3.8	4.1	3.9 b	19	
20	3.3 E	4.7	9.8	10.1	4.1 E	4.9	3.5 E	3.0	3.7	4.3	4.9	20	
21	3.3 E	5.3	7.5	9.4	4.8 E	4.7	3.5 E	3.4	6.3	2.8	3.8	2.2	
22	3.3 E	4.8	7.0	8.4	4.1 E	4.2	3.4 E	3.6	4.6	2.7	3.3	2.3	
23	3.3 E	6.4	6.6	7.4	3.9 E	4.2	3.5 E	4.8	4.0	2.7	6.2	24	
24	3.3 E	5.9	6.0	7.2	4.1 E	4.8	3.5 E	3.6	3.9	2.7	5.0	25	
25	3.3 E	5.3	5.9	7.3	4.6 E	5.5	3.6 E	3.6	3.8	4.3	5.0	25	
26	3.3 E	5.3	5.8	7.1	4.2 E	5.2	3.5 E	3.7	3.4	4.2	4.2	27	
27	3.3 E	13.7	6.2	6.6	4.2 E	4.9	3.4 E	6.0	3.5	2.8	4.9	27	
28	3.3 E	18.8	6.8	6.7	4.2 E	7.2	3.6 E	5.3	4.0	2.8	3.9	29	
29	3.3 E	6.6	7.8	3.5 E	5.0	3.8 E	4.4	4.1	2.6	3.9	3.0	30	
30	3.3 E	7.1	7.0	3.3 E	4.4	4.1 E	3.9	3.7	2.6	3.7	3.0	31	
31	3.3 E	9.7			3.2 E		4.1	3.8		2.6		7.8	31
TOTAL	110.7	142.1	255.3	603.8	146.3	183.5	119.6	113.6	117.3	116.3	96.0	144.1	TOTAL
MEAN	3.57	5.07	8.23	20.12	4.71	6.11	3.85	3.60	3.91	3.75	3.2	4.8	MEAN
AC-FT	219.57	281.85	506.38	1197.63	290.18	363.97	237.22	225.32	232.60	230.66	194.41	295.73	AC-FT
MAX	5.8	18.8	23.3	76.4	7.4	20.8	10.7	6.9	7.9	6.2	4.9	5.7	MAX
MIN	3.2	3.3	3.7	6.6	3.2	3.0	2.8	2.9	3.2	2.6	2.4	3.0	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 5.9 CFS

TOTAL DISCHARGE, 4270 AC-FT

MAXIMUM DAILY DISCHARGE, 76.4 CFS

MINIMUM DAILY DISCHARGE, 2.0 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,

ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 6.8 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL

WITH RECTANGULAR CENTRAL NOTCH.

ORONO CREEK NEAR ORONO - STATION NO. 02HD234  
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.9	3.5	3.9 B	31.4	6.5	5.5	5.3	4.8	5.3	6.6	4.8	5.4	01
02	4.0	3.4	4.6 B	35.6	9.1	5.9	4.7	9.6	5.5	6.1	7.2	4.7	02
03	3.8	3.5	4.0 B	54.9	16.1	4.9	4.5	8.6	5.5	6.2	6.6	4.9	03
04	3.8	3.3	3.9 B	34.9	8.6	5.1	4.2	6.4	5.5	5.7	5.4	4.1	04
05	3.4	3.5 B	3.8 B	17.4	7.5	3.8	3.9	5.8	5.3	3.1	5.3	4.4	05
06	3.7 B	3.5	3.7 B	12.5	7.5	3.6	3.7	5.8	5.3 E	4.8	4.9	18.1	06
07	3.7	3.0 B	3.9 B	9.7	8.2	3.5	3.5	7.5	5.2 E	5.9	5.1	7.1	07
08	3.7	2.9 B	4.2 B	9.0	7.1	3.9	3.4	9.6	12.7	4.3	18.7	5.7	08
09	4.1	3.4 B	3.9 B	12.7	6.3	5.3	3.3	10.9	6.4	3.9	10.0	5.7	09
10	5.3	2.8 B	3.9 B	26.7	5.7	4.0	3.5	7.8	5.3	3.8	6.9	5.8	10
11	4.7	3.1 B	4.0 B	132.0	5.6	3.8	3.5	6.5	5.0	3.7	6.5	5.1	11
12	4.3	3.5	4.4	98.4	5.4	3.8	3.2	6.4	4.9	3.8	6.1	5.7	12
13	4.2	4.4	4.5	209.0	5.3	3.7	3.9	6.1	5.0	3.8	5.7	59.7	13
14	3.9 B	11.4	4.3	41.4	7.0	3.6	6.1	5.8	4.9	3.8	5.3	14.3	14
15	3.5 B	9.7	4.1	28.5	8.0	3.8	10.9	5.5	4.4	3.8	5.2	7.3	15
16	3.5 B	6.6 B	4.7	26.3	7.5	3.6	12.6	5.2	4.1	3.7	5.0	6.0	16
17	3.7	5.6 B	7.3	54.2	8.1	3.4	5.5	5.5	4.1	3.7	5.2	5.9	17
18	3.6	4.7 B	8.5	22.3	6.7	3.3	4.4	5.0	4.0	3.6	5.5	6.2	18
19	7.1	4.6	6.4 B	17.7	5.7	3.3	4.9	4.6	4.0	3.7	5.4	6.0	19
20	5.4	6.4 B	6.3 B	18.4	5.2	3.3	4.2	4.3	3.7	3.6	5.8	5.9	20
21	4.1	5.9 B	6.1	12.3	5.0	4.6	4.5	4.0	3.3	3.7	5.2	5.4	21
22	4.4	4.1 B	21.9	17.5	4.2	8.0	5.6	4.3	3.4	4.5	4.8	5.4	22
23	15.6	3.7 B	30.9	16.7	3.3	8.5	7.4	7.5	3.9	16.8	4.7	5.4	23
24	6.6	4.2 B	19.5	11.8	3.2	10.2	7.5	7.2	4.2	7.8	4.9	5.8	24
25	10.1 B	3.8 B	13.2 B	9.4	3.0	6.6	7.2	6.2	3.9	6.0	5.3	6.2	25
26	5.3 B	3.9 B	7.8 B	6.9	3.1	5.9	6.2	5.8	4.2	5.2	10.3	6.5	26
27	4.3	3.9 B	7.0 B	7.2	3.0	5.9	5.7	8.3	4.1	4.8	8.9	6.4	27
28	4.2	3.8 B	6.8 B	7.2	3.0	5.1	5.3	7.6	5.0	5.1	6.4	5.6	28
29	3.8	3.9 B	9.5	6.8	2.7	4.7	5.2	6.3	5.4	8.1	5.4	4.6	29
30	3.6			19.8	6.6	4.1	5.5	5.1	5.8	10.4	6.2	5.1	30
31	3.3 B			25.8		6.0		4.8	5.4		5.1		31
TOTAL	148.6	130.0	262.6	995.4	187.7	146.1	163.7	200.1	153.9	160.9	191.6	239.3	TOTAL
MEAN	4.74	4.48	8.47	33.18	6.05	4.87	5.28	6.45	5.13	5.19	6.38	8.25	MEAN
AC-FT	294.74	257.85	520.86	1974.37	372.3	289.78	324.69	396.89	305.26	319.14	380.03	474.65	AC-FT
MAX	15.6	11.4	30.9	209.0	16.1	10.2	12.6	10.9	12.7	16.8	18.7	59.7	MAX
MIN	3.3	2.8	3.7	6.6	2.7	3.3	3.2	4.0	3.3	3.1	4.7	4.1	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 8.2 CFS

TOTAL DISCHARGE, 5910 AC-FT

MAXIMUM DAILY DISCHARGE, 209.0 CFS

MINIMUM DAILY DISCHARGE, 2.7 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.8 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL  
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## ORONO CREEK NEAR ORONO - STATION NO. 02HD234

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	31.2	4.5 B	4.6	74.4	7.2	10.5	5.8	6.2	4.0	3.1	7.2	3.0 E	01
02	10.6 B	154.0	8.2	35.4	8.4	9.0	5.3	4.9	4.1	3.7	4.9	2.7 E	02
03	7.2 B	45.6	64.9	33.3	13.4	7.9	5.1	4.4	4.0	4.8	5.2	2.7 E	03
04	13.7	9.5	152.0	20.6	8.6	7.7	5.1	4.1	3.6	4.0	3.8	2.9 E	04
05	9.8	7.7	12.3	22.7	7.7	9.5	5.3	3.9	3.8	4.3	3.5	2.9 E	05
06	4.6 B	6.9	35.0	12.4	6.6	8.3	4.8	3.9	3.6	3.7	3.4	3.3 E	06
07	4.0 B	6.8	50.7	10.0	6.1	12.9	4.7	3.6	3.5	3.7	3.5	2.8 E	07
08	3.8 B	6.4	19.0	8.6	8.5	8.1	4.4	3.5	3.6	3.6	3.7 E	2.5 E	08
09	3.9 B	4.8 B	9.4	7.9	18.2	7.3	4.1	3.5	3.5	3.6	3.5 E	2.4 E	09
10	4.1 B	4.8 B	9.9	8.2	9.9	6.7	4.1	3.7	3.5	3.5	3.1 E	2.5 E	10
11	4.3 B	3.9 B	40.8	8.0	16.0	6.4	4.0	3.8	2.6	3.4	3.1 E	2.7 E	11
12	4.2	4.4 B	20.0	7.4	10.7	6.5	4.1	3.7	2.5	3.2	3.1 E	2.6 E	12
13	4.2	4.5	10.9	6.9	8.4	6.2	4.1	3.7	2.5	3.2	3.1 E	2.6 E	13
14	4.4	4.7	9.9	6.6	7.5	5.8	4.3	3.6	2.5	3.6	3.1 E	2.6 E	14
15	4.5	4.9	14.8	6.5	7.6	5.9	4.1	3.6	2.5	3.0	4.4 E	2.5 E	15
16	4.5	4.0 B	11.5	6.6	7.5	6.1	3.8	3.3	2.6	2.9	4.2 E	2.3 E	16
17	4.7	4.2 B	54.9	6.9	7.6	6.0	3.8	3.5	2.6	3.0	3.2 E	2.2 E	17
18	17.3	4.2	14.2	6.3	7.0	5.9	3.7	3.3	3.0	3.4 E	2.5 E	18	
19	61.3	4.5	8.1	6.6	6.3	5.1	3.7	5.3	3.1	3.2	3.3 E	2.5	19
20	17.8	4.7	7.7	6.3	6.0	4.5	3.8	4.6	3.1	3.8	3.0 E	3.0	20
21	7.0	4.8	7.4	6.0	6.2	4.7	4.0	4.3	3.2	4.1	3.2 E	3.1	21
22	28.3	4.8	7.1	7.4	5.7	5.3	3.8	4.2	3.9	4.0	3.4 E	3.2	22
23	33.0	4.8 B	8.2	7.2	5.4	5.3	3.4	4.1	4.2	3.9	3.1 E	3.3	23
24	10.5	4.6 B	8.6	6.3	5.5	5.8	3.2	4.0	3.8	3.3	3.2 E	3.0 B	24
25	7.6	4.7 B	8.5	5.7	5.3	5.4	3.6	4.1	3.4	2.9	3.5 E	3.4 B	25
26	7.9	4.5 B	8.1	5.5	6.0	5.1	4.0	4.2	3.2	2.9	3.0 E	4.7 B	26
27	8.0	4.2 B	7.0	7.3	6.1	5.1	4.1	4.9	3.2	2.8	3.1 E	7.1	27
28	7.2	4.4 B	6.7	15.2	17.0	15.0	4.2	4.4	3.2	2.9	4.0 E	6.2	28
29	5.1 B	7.4	10.4	11.9	12.3	4.6	4.1	3.2	4.4	3.6 E	5.3	29	
30	4.9 B	11.5	7.2	9.5	6.7	3.9	4.0	3.0	6.2	3.4 E	4.7	30	
31	4.2 B		10.7		14.3		3.9	4.1		5.1		4.2	31
TOTAL	344.0	331.8	650.0	379.8	272.1	217.0	130.8	131.5	99.8	112.8	109.2	101.3	TOTAL
MEAN	11.09	11.85	20.96	12.66	8.77	7.23	4.21	4.24	3.32	3.63	3.64	3.26	MEAN
AC-FT	682.32	658.12	1289.27	753.33	539.71	430.41	259.44	260.83	197.95	223.73	216.59	200.92	AC-FT
MAX	61.3	154.0	152.0	74.4	18.2	15.0	5.8	8.3	4.3	6.2	7.2	7.1	MAX
MIN	3.8	3.9	4.6	5.5	5.3	4.5	3.2	3.3	2.5	2.8	3.0	2.2	MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 7.9 CFS

TOTAL DISCHARGE, 5710 AC-FT

MAXIMUM DAILY DISCHARGE, 154.0 CFS

MINIMUM DAILY DISCHARGE, 2.2 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.8 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL  
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.7	5.3 B	14.7	48.5	9.0	8.3	7.9	5.5	4.0	3.1	3.0	3.6 B	01
02	3.6	3.9 B	7.6	108.0	6.9	7.7	7.2	5.5	3.9	3.4	3.5	3.8 B	02
03	3.7	3.5 B	7.8	21.6	6.8	7.5	4.5	5.3	5.1	3.3	3.6	3.9 B	03
04	3.3 B	3.2 B	32.6	88.8	6.5	7.4	11.5	9.2	4.3	3.2	3.9	3.7 B	04
05	3.3 B	3.0 B	134.0	20.3	6.2	7.3	8.1	6.2	3.9	3.2	3.7	3.5 B	05
06	3.3 B	2.9	21.3	12.6	6.4	7.0	7.2	5.6	3.8	3.2	3.7	3.5 B	06
07	3.2 B	3.1	15.8	11.8	7.5	6.8	6.7	5.5	3.7	3.6	3.5	3.6 B	07
08	2.9 B	3.1	7.2 B	9.9	6.8	6.8	6.1	5.4	3.7	3.3	3.4	8.0 B	08
09	2.8 B	3.1	5.8 B	8.3	12.1	7.0	5.9	5.4	3.8	3.4	3.3	5.4 B	09
10	3.2	3.0	5.7	8.0	10.0	6.7	7.1	5.2	3.8	3.3	3.4	4.2 B	10
11	3.2	3.1	5.7 B	8.0	7.6	6.6	5.8	5.1	3.6	3.2	3.4	3.9	11
12	3.0 B	3.1	5.5 B	9.3	6.8	6.8	5.3	5.5	4.1	3.3	4.7	6.4 B	12
13	2.9 B	3.2	5.1 B	13.0	21.9	6.5	5.3	5.2	4.3	3.3	4.5	5.5 B	13
14	3.1	3.1 B	4.7 B	23.7	12.4	6.5	6.1	4.4	4.0	5.6	5.0	4.0	14
15	3.3	2.8 B	4.4 B	21.9	15.6	10.0	7.1	4.4	3.9	4.3	4.1	4.3	15
16	3.3	3.0	4.4	11.5	18.0	11.0	5.2	4.2	3.8	3.7	3.8	6.8 B	16
17	2.9 B	3.0	4.2	9.2	54.8	7.7	5.0	4.7	3.8	3.7	4.0	6.1 B	17
18	3.0 B	2.9	4.7 B	8.4	13.7	9.4	5.2	4.6	3.8	3.4	3.9	5.2 B	18
19	3.1	3.0	4.9 B	7.7	9.8	17.9	5.1	4.3	3.7	3.4	3.8	4.7 B	19
20	3.1	3.1	4.7 B	7.4	8.2	16.8	4.8	4.4	3.7	3.4	4.5	4.4 B	20
21	4.5	3.1	4.5 B	7.3	7.6	9.3	4.5	4.1	3.6	3.3	9.6	4.2	21
22	5.3	17.2	4.4 B	14.7	7.3	7.9	4.2	3.8	3.7	3.3	5.2	4.1	22
23	6.0	10.8	4.6 B	17.7	7.2	7.2	4.3	3.9	3.5	3.3	4.6	4.3	23
24	5.6	5.2 B	4.2 B	13.0	6.7	6.9	5.3	4.1	3.7	3.4	5.3	4.7	24
25	4.6	3.8 B	4.0 B	9.3	7.2	7.1	5.5	3.8	4.5	3.4	4.6	4.6	25
26	4.4	3.9 B	4.1 B	8.1	6.9	6.3	3.7	4.6	3.4	4.0 B	4.2 B	26	
27	98.6	3.6 B	4.3 B	7.4	6.9	6.5	5.9	8.6	4.0	3.3	3.8 B	4.1	27
28	14.2	15.6	4.4 B	7.1	7.1	6.2	5.1	5.0	5.3	3.3	3.7	4.1	28
29	7.6		4.1 B	7.9	11.3	10.3	6.9	4.4	9.3	3.3	3.7 B	4.1	29
30	7.0		11.6	8.1	9.8	9.9	8.7	4.2	5.3	3.8	3.6 B	4.2	30
31	7.9		78.8		8.8		5.8	4.1		3.7		4.0 B	31
TOTAL	229.6	127.6	429.8	558.5	391.8	249.9	228.6	155.3	126.2	107.8	130.4	141.9	TOTAL
MEAN	7.4	4.55	13.86	18.61	12.63	8.33	7.37	5.0	4.2	3.47	4.34	4.57	MEAN
AC-FT	455.41	253.09	852.5	1107.78	777.13	495.67	453.42	308.03	250.31	213.82	258.64	281.45	AC-FT
MAX	98.6	17.2	134.0	108.0	62.8	17.9	43.5	9.2	9.3	5.6	9.6	8.0	MAX
MIN	2.8	2.8	4.0	7.1	6.2	4.2	3.7	3.5	3.1	3.3	3.5	3.5	MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, 7.9 CFS

TOTAL DISCHARGE, 5710 AC-FT

MAXIMUM DAILY DISCHARGE, 134.0 CFS

MINIMUM DAILY DISCHARGE, 2.8 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,

ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.8 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## ORONO CREEK NEAR ORONO - STATION NO. 02HD234

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.0	3.2 B	5.6 B	6.9 B	5.9	6.7 E	3.6 E	3.3 E	4.3 E	3.6 E	2.9	4.7	01
02	3.9 E	3.1 B	5.4 B	6.2 B	5.9	5.4 E	3.7 E	3.3 E	4.3 E	3.5 E	3.2 E	3.4 B	02
03	4.0 E	3.1 B	5.2 B	5.9	5.8	5.3 E	3.6 E	3.4 E	4.2 E	3.4 E	3.2	3.1	03
04	4.0 E	3.1 B	5.0 B	5.6 B	7.9	5.2 E	3.6 E	3.4 E	4.1 E	3.3 E	3.1	3.1	04
05	3.8 E	3.1 B	4.8 B	5.6 B	11.8	5.1 E	3.5 E	3.4 E	4.0 E	3.2 E	3.0	3.1	05
06	3.7 E	3.2 B	4.8 B	5.8 B	6.9	5.2 E	3.6 E	3.3 E	4.0 E	3.1 E	2.9	5.8	06
07	4.0 E	3.2 B	4.7 B	6.1	6.1	5.0 E	3.7 E	3.4 E	3.9 E	2.9 E	2.8	3.7	07
08	4.0 E	3.2 B	4.7 B	8.4	5.7	4.9 E	3.4 E	3.3 E	3.9 E	2.8 E	2.9	4.4	08
09	17.8 E	3.3 B	4.6 B	10.1 B	5.3	4.7 E	3.3 E	3.3 E	3.9 E	2.7 E	2.9	3.1	09
10	7.1 E	3.3 B	4.6 B	9.6 B	5.0	4.5 E	3.2 E	3.2 E	3.9 E	2.9 E	5.8	3.1	10
11	37.3 E	3.4 B	4.6 B	8.5 B	4.8	4.5 E	3.3 E	3.3 E	4.1 E	3.2	3.8	3.0	11
12	7.2 E	3.4	6.9 B	8.8 B	4.7	5.3 E	3.3 E	3.3 E	5.1 E	3.3	3.0	3.0	12
13	4.8 E	3.4 B	17.1 B	8.4	4.7	5.1 E	3.4 E	3.4 E	4.7 E	3.5	3.2	2.8	13
14	3.8 E	3.5	7.9 B	9.6	4.5	5.0 E	3.4 E	3.4 E	4.6 E	2.9	3.5	3.5	14
15	3.6 E	3.5	6.1 B	11.2	4.5	5.0 E	3.4 E	3.5 E	4.4 E	2.9	2.9	9.8	15
16	3.3 E	3.6	24.4 B	9.9	4.6	5.2 E	3.4 E	3.4 E	4.1 E	2.8	2.8	3.3 B	16
17	3.3 E	3.8 B	54.4	10.8	4.4	5.0 E	3.4 E	3.2 E	3.9 E	2.8	2.8	2.8 B	17
18	3.4 E	8.6 B	60.6	11.5	4.4	4.7 E	3.4 E	3.4 E	4.0 E	2.7	2.7	2.7 B	18
19	3.3 E	6.7 B	184.0	81.8	4.3	5.1 E	3.4 E	3.4 E	5.0 E	2.7	2.7	2.7 B	19
20	3.2 E	5.6 B	47.6	15.0	4.2 E	5.1 E	3.7 E	3.3 E	4.3 E	2.7	2.7	2.7 B	20
21	3.2 E	4.9	10.7	9.4	4.5 E	4.7 E	4.0 E	3.5 E	4.7 E	2.8	2.8	2.7 B	21
22	3.6 E	11.5	58.4	7.6	4.4 E	4.4 E	3.6 E	4.3 E	4.0 E	3.1	2.7	2.7 B	22
23	3.6 B	31.8	14.6	7.6	4.3 E	4.4 E	3.4 E	3.6 E	4.0 E	2.7	2.7	2.7 B	23
24	3.7	247.0	28.0	17.9	4.8 E	4.3 E	3.4 E	4.1 E	3.8 E	2.7	2.7	2.7 B	24
25	5.1	33.8	28.7	9.0	4.9 E	4.1 E	3.4 E	4.3 E	3.7 E	2.8	2.8	2.7 B	25
26	8.3 B	7.8 B	8.7 B	7.3	4.9 E	4.0 E	3.4 E	4.3 E	3.5 E	2.7	2.7	2.7 B	26
27	4.7 B	6.2 B	7.3 B	6.6	5.0 E	3.9 E	3.5 E	4.2 E	3.6 E	2.7	2.7	2.7 B	27
28	4.5 B	5.9 B	6.4	6.4	5.0 E	3.8 E	3.5 E	4.0 E	3.5 E	2.7	2.7	2.7 B	28
29	4.2 B	8.5	6.1	5.0 E	3.8 E	3.4 E	4.0 E	3.4 E	3.5 E	2.5	3.6	4.1	30
30	3.7 B		7.3 B	6.0	6.9 E	3.6 E	3.4 E	4.4 E	3.5 E	2.7	2.7	2.7 B	31
31	3.5 B		7.2 B		7.3 E		3.3 E	4.3 E		2.5		0.1	31
TOTAL	177.6	426.2	649.3	329.6	168.4	143.0	107.6	110.9	123.9	93.7	94.1	109.9	TOTAL
MEAN	5.72	15.22	20.94	10.98	9.43	4.76	3.47	3.57	4.13	2.02	3.13	3.54	MEAN
AC-FT	352.26	845.36	1287.88	653.70	334.02	283.64	213.42	219.97	245.75	185.85	186.64	217.98	AC-FT
MAX	37.3	247.0	184.0	81.8	11.8	6.7	4.0	4.4	6.0	3.6	5.8	4.8	MAX
MIN	3.2	3.1	4.6	5.6	4.2	3.6	3.2	3.4	2.5	2.7	2.7	2.7	MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, 6.9 CFS

TOTAL DISCHARGE, 5030 AC-FT

MAXIMUM DAILY DISCHARGE, 247.0 CFS

MINIMUM DAILY DISCHARGE, 2.5 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,

ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 6.8 SQUARE MILES.

REMARKS: BROAD-CRESTED CONCRETE CONTROL

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

ORONO CREEK NEAR ORONO - STATION NO. 02HD234  
DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	4.4 0	3.4 0	13.6	22.0	5.8	6.6		5.3	4.0	3.1	3.1	3.0 0	01
02	3.0 0	3.3 1	7.3 R	11.6	5.9	5.4		4.1	3.5	3.0	3.1	3.2 0	02
03	3.5 0	3.3 0	6.5 R	8.9	7.7	5.6		3.8	3.1	3.0	3.2	3.2 0	03
04	3.3 0	3.1 0	6.7	7.7	5.7	5.3		3.6	3.2	2.9	3.1	3.1 0	04
05	3.2 1	3.2 0	46.7	6.6	5.5	5.1		3.5	2.9	2.9	3.1	3.1 0	05
06	3.1 0	3.1 0	36.1	6.4	7.6	4.8		3.6	2.7	3.0	3.0	3.2 0	06
07	3.1 0	3.1 0	17.9 R	6.1	20.9	4.6		3.3	2.7	3.9	3.0	3.3 0	07
08	2.4 0	3.2 0	6.5 R	5.9	9.9	4.2		3.5	2.6	3.3	3.0	3.4 0	08
09	2.7 0	3.0 0	4.9 R	5.6	6.8	4.2		3.6	2.6	3.9	2.9	3.0 0	09
10	2.7 0	3.0 0	4.3 R	5.6	6.1	4.7		3.4	3.4	4.4	3.1	3.1 0	10
11	2.1 0	3.3 R	4.1 R	5.4	7.1	4.9		3.2	3.2	3.3	3.1	3.3 0	11
12	2.1 0	3.2 0	4.4 R	5.1	7.4	4.6		3.4	3.2	3.0	3.1	3.2 0	12
13	2.1 0	3.4 R	10.1 R	5.2	5.9	4.7		4.0	2.9	3.0	3.1	3.0 0	13
14	3.0 0	3.4 R	8.0 R	5.1	5.9	6.4		4.6	2.8	3.0	3.1	3.0 0	14
15	3.0 0	4.0 R	6.1 R	8.9	6.0			4.9	2.8	2.9	3.1	3.1 0	15
16	2.9 0	9.7	5.6 8	14.6	11.5	5.5		4.0	2.8	2.9	3.0	3.2 0	16
17	2.9 0	12.1	5.1 R	6.8	25.4	5.4		3.7	3.0	2.9	3.1	3.2 0	17
18	2.9 0	16.9	4.7 R	6.0	10.1	4.9		3.6	3.2	2.9	3.2	3.1 0	18
19	2.9 0	43.4	11.0 R	5.6	11.1	5.3		3.5	2.9	2.9	3.2	3.0 0	19
20	2.9 0	15.0	146.0	5.3	10.5	5.1		3.4	3.6	3.4	3.2	3.0 0	20
21	2.9 0	10.3	180.0	5.2	6.8	4.6		3.4	3.5	4.4	2.9	3.5 0	21
22	2.9 0	40.9	46.7	6.1	6.2	6.4		3.4	3.6	3.6	2.9	3.2 0	22
23	2.9 0	12.8 R	26.6	6.6	5.8	5.2	3.7	3.1	3.8	3.1	2.9	3.0 0	23
24	2.9 0	8.5 2	39.5	5.5	4.9	4.9	3.8	3.1	3.4	3.3	3.0	3.0 0	24
25	2.9 0	19.7	33.6	13.9	5.5	7.3	3.5	3.2	3.3	3.4	3.0	3.0 0	25
26	3.0 0	32.8	12.3	5.5	5.3	3.4	3.3	3.3	3.3	4.4	3.0 0	26	
27	5.9 9	34.6	25.0	10.0	5.6	5.2	3.8	3.4	3.8	3.1	6.8	3.0 0	27
28	4.6 3	20.9	15.7	7.1	5.0	4.6	3.5	3.8	3.1	4.6	2.6	2.6 0	28
29	2.9 0	16.0	9.7	6.1	4.7	5.0	4.4	4.0	3.2	3.1	3.7 8	2.8 0	29
30	3.0 0		9.3	5.7	4.7	5.0 E	4.5	3.5	3.2	3.1	3.1 8	2.7 0	30
31	3.0 0		22.7		7.7		5.4	3.2			2.8 0	2.8 0	31
TOTAL	101.1	344.8	772.1	233.2	245.8	156.1		113.4	95.6	100.7	98.8	96.5	TOTAL
MEAN	3.26	11.89	24.9	7.77	7.92	5.2		3.65	3.18	3.24	3.29	3.11	MEAN
AC-FT	200.53	683.91	1531.46	462.55	487.54	309.62		224.92	189.62	199.73	195.96	191.4	AC-FT
MAX	5.9	43.4	180.0	22.9	25.4	7.3		5.3	4.0	4.4	6.8	3.9	MAX
MIN	2.7	3.0	4.1	5.1	4.7	4.2		3.1	2.6	2.9	2.9	2.6	MIN

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 180.0 CFS  
MINIMUM DAILY DISCHARGE, 2.7 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 6.8 SQUARE MILES.  
REMARKS: BROAD-CRESTED CONCRETE CONTROL  
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.0 0	2.9 0	4.5	6.6	4.8	5.8	4.4	4.3	4.1	7.3	4.2	3.6 2	01
02	3.0 0	2.8 0	4.4	8.4	5.3	5.1	4.0	3.2	9.0	6.4	4.1	14.1	02
03	3.0 0	2.9 0	4.3	24.9	4.8	4.7	3.9	3.4	5.2	5.3	4.1	8.4	03
04	3.0 0	2.9 0	12.4	9.1	4.5	4.5	3.7	3.9	4.3	4.6	4.1	7.0	04
05	3.1 0	2.9 0	35.4	18.9	4.0	4.4	3.9	3.9	4.2	4.3	4.1	6.2 0	05
06	3.1 0	2.8 0	16.7	8.7	4.4	4.3	4.3	3.5	4.0	4.2	4.1	6.1 0	06
07	3.1 0	2.7 0	11.7	7.1	4.0	4.5	2.9	3.7	4.0	7.3	6.1 0	07	
08	3.1 0	2.6 0	11.9	6.9	4.6	4.0	4.3	3.2	3.6	7.6	19.0	6.1 0	08
09	3.1 0	2.8 0	48.1	7.2	4.6	4.0	3.8	3.7	3.6	12.7	7.1	6.1 0	09
10	3.1 0	2.8 0	72.0	7.2	4.1	3.9	3.5	7.9	3.6	6.5	12.5	6.1 0	10
11	3.1 0	2.9 0	46.4	7.0	3.9	3.9	3.5	6.3	3.5	5.4	10.5	6.1 0	11
12	3.1 0	3.1 0	38.0	6.3	4.9	4.0	3.7	4.5	3.5	5.1	6.7	6.2 0	12
13	3.1 0	4.1 0	115.0	6.1	4.6	3.8	2.8	4.1	4.2	4.8	6.2	6.3	13
14	3.1 0	3.6 0	22.2	5.8	4.3	3.6	2.6	4.1	4.4	4.6	5.9	15.0	14
15	3.1 0	3.3 0	15.1	5.4	3.9	3.6	3.4	3.7	3.7	4.5	6.0	18.1	15
16	3.1 0	3.2 0	12.1	5.3	3.7	3.8	3.8	8.4	5.5	4.6	10.2	12.8	16
17	3.0 0	3.1 0	8.8	5.0	4.0	4.2	4.0	7.6	5.6	4.4	22.8	10.5	17
18	3.0 0	3.2 0	7.3	4.9	3.8	5.4	3.8	4.7	4.4	4.2	12.7	9.0	18
19	3.0 0	3.2 0	7.3	4.8	3.6	4.9	3.8	4.3	4.2	4.2	9.4	8.5	19
20	3.0 0	3.3 0	7.4	4.8	3.2	4.7	3.7	4.3	5.8	4.1	7.5	8.2	20
21	3.0 0	3.3 0	7.6	4.8	3.1	4.4	3.6	4.2	5.0	4.1	7.9	9.8	21
22	3.0 0	3.2 0	8.3	7.4	3.0	4.1	3.5	5.4	4.3	4.1	7.3	9.0	22
23	3.0 0	3.2 0	7.3	12.0	3.0	4.1	3.4	4.3	4.0	4.2	8.2	8.1	23
24	3.0 0	4.0	7.2	11.7	3.0	3.9	3.5	4.7	3.9	4.2	12.1	7.5	24
25	3.0 0	5.2	7.4	10.9	3.0	5.4	3.4	4.2	9.3	4.2	8.0	16.9	25
26	3.0 0	4.4	6.6	7.3	2.9	4.5	3.3	4.0	7.4	4.2	14.3	10.2 0	26
27	3.0 0	4.4	7.5	6.3	3.1	4.0	3.2	4.0	5.4	4.2	7.3 0	7.4 0	27
28	2.9 0	4.4	9.7	5.8	2.8	3.9	3.2	4.0	4.7	4.2	6.6 0	6.8 0	28
29	2.9 0	12.5	5.2	2.9	5.0	3.4	3.9	4.3	4.1	6.6	6.6 0	6.6 0	29
30	2.9 0	8.8	4.9	2.8	4.4	3.5	3.8	4.2	4.2	6.9	6.5 0	6.5 0	30
31	3.0 0		7.9		3.0		3.9	3.7		4.1		6.4 0	31
TOTAL	93.9	93.2	592.4	236.7	118.4	130.3	113.3	138.1	142.6	154.6	253.7	298.3	TOTAL
MEAN	3.02	3.32	19.1	7.89	3.81	4.34	3.65	4.45	4.75	4.98	8.45	9.62	MEAN
AC-FT	186.25	184.80	1175.02	469.49	234.84	258.45	224.73	273.92	282.84	306.64	503.21	591.07	AC-FT
MAX	3.1	5.2	115.0	24.9	5.3	5.8	4.5	8.4	9.3	12.7	22.8	36.2	MAX
MIN	2.4	2.6	4.3	4.8	2.8	3.6	2.6	2.9	3.5	4.0	4.1	6.1	MIN

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, 6.5 CFS  
TOTAL DISCHARGE, 4690 AC-FT  
MAXIMUM DAILY DISCHARGE, 115.0 CFS  
MINIMUM DAILY DISCHARGE, 2.6 CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.  
TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 6.8 SQUARE MILES.  
REMARKS: BROAD-CRESTED CONCRETE CONTROL  
WITH RECTANGULAR CENTRAL NOTCH.

B - ICE CONDITIONS

E - ESTIMATED

NATURAL FLOW

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	6.4 B	5.7 B	4.7 B	131.0	6.6	5.4							01
02	6.2 B	5.5 B	4.8 B	49.6	6.5	5.5							02
03	6.2 B	5.4 B	4.8 B	21.2	6.4	5.4							03
04	6.6 B	5.4 B	4.9 B	18.5	6.1	5.4							04
05	6.5 B	5.1 B	4.9 B	35.1	6.5	5.5							05
06	6.4 B	5.0 B	4.9 B	28.3	7.3	5.2							06
07	6.3 B	5.0 B	4.5 B	88.3	7.3	5.5							07
08	13.5 B	5.0 B	4.9 B	25.6	6.7	5.7							08
09	20.8 B	4.9 B	5.2 B	17.3	14.8	5.4							09
10	11.6 B	4.8 B	5.2 B	15.6	8.8	5.3							10
11	9.1 B	4.7 B	5.3 B	34.4	7.3	5.0							11
12	7.4 B	4.7 B	5.4	25.8	7.4	4.9							12
13	6.9 B	4.6 B	5.6	22.9	8.2	5.9							13
14	6.4 B	4.6 B	9.5	16.0	31.1	5.3							14
15	6.3 B	4.7 B	13.8	12.0	22.4	5.9							15
16	6.0 B	4.6 B	10.8	11.6	12.2								16
17	5.9 B	4.6 B	8.2	10.9	10.3								17
18	5.8 B	4.6 B	7.4	11.1	10.1								18
19	5.7 B	4.6 B	7.2	15.0	10.4								19
20	5.5 B	4.6 B	7.1	30.6	10.1								20
21	5.4 B	4.6 B	20.8	23.9	12.8								21
22	5.3 B	4.6 B	29.8	12.9	7.7								22
23	5.2 B	4.7 B	31.9	10.2	7.1								23
24	5.1 B	4.7 B	30.1	9.5	6.8								24
25	5.2 B	4.7 B	14.3	8.6	6.3								25
26	8.9 B	4.7 B	10.3	7.8	5.9								26
27	10.2 B	4.7 B	9.3	7.4	6.0								27
28	7.3 B	4.7 B	9.5	7.2	5.8								28
29	6.6 B		12.7	6.8	5.5								29
30	6.1 B		23.0	6.7	5.3								30
31	5.8 B		38.2		5.5								31
TOTAL	226.6	135.5	359.4	721.8	281.2								TOTAL
MEAN	7.3	4.83	11.59	24.06	9.07								MEAN
AC-FT	449.46	268.76	712.86	1431.69	557.76								AC-FT
MAX	20.8	5.7	38.2	131.0	31.1								MAX
MIN	5.1	4.6	4.7	6.7	5.3								MIN

## SUMMARY FOR THE YEAR 1978

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, CFS  
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE CULVERT ON CLARKE TWP. SIDE ROAD 30-31,  
ABOUT 1 MILE SOUTHWEST OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS  
E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.  
DRAINAGE AREA: 6.8 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED CONCRETE CONTROL  
WITH RECTANGULAR CENTRAL NOTCH. STATION DISCONTINUED JUNE 1978.

## ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1970

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01					1.1	0.8	1.9	2.0	2.3	1.4			01
02					2.0	0.81	1.8	1.8	2.3	1.0			02
03					2.3	0.79	1.7	1.7	2.4	0.95			03
04					2.3	0.84	1.6	1.8	2.4	0.6			04
05				1.2	2.3	0.76	1.6	1.8	2.3	0.23			05
06				1.2	2.2	0.68	1.5	1.5	2.3	0.26			06
07			1.1	2.3	0.64	1.4	1.3	2.3	0.21				07
08			1.5	2.3	0.65	1.4	1.4	2.3	0.2				08
09			1.6	2.2	0.68	0.94	2.0	2.1					09
10			1.4	2.2	1.2	0.71	1.9	2.0					10
11			1.3	2.4	0.81	1.3	1.8	2.0					11
12			1.2	2.4	0.66	1.3	1.8	2.0					12
13			1.2	1.8	0.52	1.2	1.8	2.0					13
14			1.0	1.8	0.9	1.4	1.9	2.0					14
15			1.1	1.8	2.2	1.4	1.8	1.7					15
16			2.2	1.8	2.0	1.4	2.1	1.5					16
17			2.2	2.0	1.9	1.4	2.0	1.3					17
18			1.4	2.2	1.7	1.3	2.2	1.2					18
19			1.3	2.2	1.6	1.7	2.2	1.2					19
20			1.1	2.4	2.0	2.0	2.1	1.3					20
21			1.1	2.4	1.6	2.0	1.5	1.5					21
22			1.3	2.2	1.5	2.0	1.5	1.3					22
23			1.2	2.0	1.5	2.0	1.5	1.3					23
24			1.1	1.9	1.3	2.1	1.2	1.2					24
25			1.1	1.8	1.2	2.0	1.2	1.0					25
26			1.2	1.8	1.8	1.2	2.2	0.9					26
27			0.98	1.7	1.3	1.3	2.4	0.84					27
28			0.94	1.7	1.6	2.3	0.77						28
29			0.9	1.7	1.6	2.2	0.69						29
30			0.88	0.92	1.6	1.8	2.3	0.86					30
31			0.85		1.7	2.2		1.7					31
TOTAL					43.04	45.75	58.0	51.36					TOTAL
MEAN					1.38	1.47	1.95	1.65					MEAN
AC-FT					85.36	90.74	116.23	101.87					AC-FT
MAX					2.4	2.2	2.4	2.4					MAX
MIN					0.52	0.71	1.3	0.69					MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 2.4 CFS  
MINIMUM DAILY DISCHARGE, 0.20 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY  
LIMITS OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS  
E - ESTIMATED  
REGULATED.

TYPE OF GAUGE: SEASONAL RECORDING.  
DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.

GAUGE MONITORS SEASONAL DIVERSION OF WATER

FROM WILMOT CREEK TO ORONO MILL POND.

## ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						2.9	1.9	1.5	1.5	1.6	0.12		31
02						3.0	1.7	1.4	1.5	1.6	0.12		02
03						3.2	1.9	1.4	1.5	1.6	0.12		03
04						2.6	0.88	1.5	1.5	1.6	0.12		04
05						2.5	0.68	1.5	1.4	1.6	0.12		05
06						2.5	1.6	1.5	1.4	1.6	0.12		06
07						2.5		1.5	1.3	1.5	0.13		07
08						2.6		1.3	1.1	1.5	0.12		08
09						2.5	1.6	1.3	1.4	1.7	0.12		09
10						2.5	1.6	1.5	1.4	1.8	0.13		10
11						2.5	1.5	1.5	1.4	1.7	0.13		11
12						2.4	1.5	1.5		1.7	0.13		12
13						2.8	1.5	1.4		1.7	0.13		13
14						2.6	1.5	1.4		1.9	0.12		14
15					0.2	2.5		1.4		1.6	0.14		15
16					0.2	2.5		1.3	1.5	1.6	0.13		16
17					0.2	2.5		1.2	1.6	1.6	0.13		17
18					0.19	2.4		1.3	1.6	2.1	0.13		18
19					0.19	2.4		1.3	1.6	2.1	0.14		19
20					0.23	2.3		1.4	2.0	1.3	0.16		20
21					0.21	2.3		1.4	1.8	0.33	0.19		21
22					0.19	2.4		1.5	1.7	0.26	0.14		22
23					0.18	2.3		1.6	1.7		0.15		23
24					0.18	2.3		1.5	1.6		0.13		24
25					0.22	2.2		1.5	1.6		0.16		25
26					0.76	2.3		1.6	1.5		0.14		26
27					1.2	2.1		1.7	1.5		0.13		27
28					1.3	2.2		1.7	1.7		0.13		28
29					1.2	2.2		1.6	1.5		0.13		29
30					1.2	2.1		1.5	1.6		0.13		30
31					2.0			1.6	1.5		0.12		31
TOTAL						74.1		45.2		35.21		TOTAL	
MEAN						2.47		1.45		1.13		MEAN	
AC-FT						146.97		89.65		69.83		AC-FT	
MAX						3.2		1.7		2.1		MAX	
MIN						2.1		1.2		0.12		MIN	

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 3.2 CFS  
MINIMUM DAILY DISCHARGE, 0.12 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY LIMITS OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: SEASONAL RECORDING.

DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.  
GAUGE MONITORS SEASONAL DIVERSION OF WATER FROM WILMOT CREEK TO ORONO MILL POND.

B - ICE CONDITIONS  
E - ESTIMATED

REGULATED

## ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						1.2	1.4	1.4	1.7	2.1	0.24		01
02						1.3	1.3	1.8	1.7	2.0	0.35		02
03						1.1	1.2	1.7	1.7	2.0	0.3		03
04						1.2	1.2	1.6	1.7	1.5	0.25		04
05						0.73	1.1	1.6	1.7	0.5	0.26		05
06						0.86	1.1	1.6	1.7	0.33	0.24		06
07						1.0	1.1	1.8	1.6	0.37	0.24		07
08						1.2	1.0	2.0	2.2	0.21	0.75		08
09						1.5	0.96	1.9	1.8	0.15	0.4		09
10						1.4	1.0	1.7	1.8	0.15	0.32		10
11						1.4	1.0	1.6	1.8	0.15	0.31		11
12						1.4	0.9	1.6	1.8	0.29	0.31		12
13						1.4	0.71	1.4	1.8	0.36	0.29		13
14						1.5	0.86	1.3	1.8	0.22	0.27		14
15						1.5	1.1	1.2	1.6	0.17	0.28		15
16						1.4	1.2	1.1	1.4	0.16	0.26		16
17						1.4	0.26	1.0	1.3	0.16	0.27		17
18						1.5	0.16	0.73	1.3	0.16	0.28		18
19					0.18	1.4	0.19	0.67	1.3	0.16	0.27		19
20					0.17	1.4	0.13	0.56	0.92	0.16	0.29		20
21					0.17	1.5	0.8	0.48	0.44	0.16	0.26		21
22					0.15	1.7	1.6	1.1	0.92	0.22	0.24		22
23					0.14	1.8	1.7	1.9	1.2	0.79	0.23		23
24					0.14	1.9	1.7	1.8	0.73	0.33	0.24		24
25					0.15	1.6	1.5	1.7	0.31	0.28	0.24		25
26					0.14	1.5	1.5	1.7	0.17	0.24	0.4		26
27					0.14	1.6	1.5	2.0	0.67	0.23			27
28					0.13	1.5	1.5	1.9	1.9	0.24			28
29					0.13	1.4	1.4	1.8	2.0	0.39			29
30					0.77	1.5	1.4	1.7	2.2	0.28			30
31					1.5		1.4	1.7		0.25			31
TOTAL						41.79	33.87	46.04	43.16	14.71		TOTAL	
MEAN						1.39	1.09	1.48	1.43	0.47		MEAN	
AC-FT						82.89	67.18	91.32	85.6	29.17		AC-FT	
MAX						1.9	1.7	2.0	2.2	2.1		MAX	
MIN						0.73	0.13	0.48	0.17	0.15		MIN	

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FT  
MAXIMUM DAILY DISCHARGE, 2.2 CFS  
MINIMUM DAILY DISCHARGE, 0.13 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY LIMITS OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: SEASONAL RECORDING.

DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.  
GAUGE MONITORS SEASONAL DIVERSION OF WATER FROM WILMOT CREEK TO ORONO MILL POND.

B - ICE CONDITIONS  
E - ESTIMATED

REGULATED

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						2.5	1.8	0.96	0.99	1.0	0.52	0.22	01
02						2.4	1.5	0.83	0.98	1.4	0.26	0.21	02
03						2.3	1.5	0.8	0.96	1.5	0.31	0.18	03
04						2.3	3.3	1.0	0.93	1.4	0.18	0.04	04
05						2.4	3.0	1.0	0.95	1.4	0.17	0.05	05
06						2.3	3.0	1.1	0.9	1.3	0.17	0.06	06
07						2.6	2.9	1.1	0.79	1.3	0.19	0.07	07
08						2.3	2.7	1.1	0.75	1.3	0.18	0.08	08
09						2.2	2.6	1.1	0.77	1.4	0.17	0.09	09
10					1.0	2.1	2.5	1.1	0.73	1.3	0.16	0.10	10
11					1.8	2.1	2.5	0.83	0.71	0.99	0.16	0.11	11
12					1.1	2.1	2.4	0.85	0.64	0.56	0.16	0.12	12
13					0.8	2.0	2.3	0.87	0.57	0.41	0.16	0.13	13
14					0.58	1.9	2.3	0.9	0.55	0.34	0.16	0.14	14
15					0.62	2.1	2.2	0.92	0.56	0.16	0.47	0.15	15
16					0.6	2.1	2.1	0.99	0.53	0.12	0.34	0.16	16
17					0.58	1.9	2.0	0.93	0.51	0.13	0.22	0.17	17
18					0.5	1.4	2.0	1.2	0.83	0.13	0.23	0.18	18
19					0.39	0.73	1.9	1.0	0.77	0.14	0.25	0.19	19
20					0.34	0.58	1.9	1.0	0.76	0.15	0.2	0.20	20
21					0.34	1.4	1.8	0.98	1.0	0.13	0.23	0.21	21
22					0.31	1.9	1.8	0.95	0.82	0.12	0.33	0.22	22
23					0.3	1.9	1.6	0.96	0.91	0.14	0.22	0.23	23
24					0.31	1.9	1.5	0.96	0.94	0.11	0.27	0.24	24
25					0.29	1.8	1.5	0.96	0.82	0.11	0.32	0.25	25
26					0.33	1.8	1.4	0.96	0.78	0.11	0.22	0.26	26
27					0.31	1.7	1.4	1.0	0.91	0.11	0.23	0.27	27
28					1.8	2.2	1.3	0.99	0.98	0.11	0.45	0.28	28
29					2.7	2.3	1.2	0.99	0.81	0.22	0.31	0.29	29
30					2.4	2.0	1.1	0.97	0.79	0.42	0.26	0.30	30
31					2.9		1.0	1.0		0.26		0.31	31

TOTAL

59.21 62.0 30.3 23.94 18.24 7.5 TOTAL

MEAN

1.97 2.0 0.97 0.79 0.58 0.25 MEAN

AC-FT

117.44 122.97 60.1 47.48 36.17 14.87 AC-FT

MAX

2.6 3.3 1.2 1.0 1.5 0.52 MAX

MIN

0.58 1.0 0.8 0.51 0.11 0.16 MIN

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, CFS

TOTAL DISCHARGE, AC-FT

MAXIMUM DAILY DISCHARGE, 3.3 CFS

MINIMUM DAILY DISCHARGE, 0.11 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY LIMITS OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: SEASONAL RECORDING.

DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.

GAUGE MONITORS SEASONAL DIVERSION OF WATER

FROM WILMOT CREEK TO ORONO MILL POND.

## ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1974

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01							0.7	0.22	0.05	0.04	0.04	0.04	01
02						0.67	0.21	0.04	0.04	0.04	0.04	0.04	02
03						0.68	0.34	0.04	0.05	0.05	0.05	0.05	03
04						1.7	0.82	0.24	0.04	0.04	0.05	0.05	04
05						1.6	0.8	0.18	0.04	0.04	0.06	0.06	05
06						1.5	0.77	0.19	0.04	0.06	0.06	0.06	06
07						1.5	0.99	0.1	0.06	0.06	0.06	0.06	07
08						1.4	1.1	0.09	0.04	0.05	0.05	0.05	08
09						1.4	1.2	0.13	0.05	0.05	0.05	0.05	09
10						1.3	1.2	0.19	0.04	0.04	0.04	0.04	10
11						1.2	1.2	0.09	0.04	0.04	0.04	0.04	11
12						1.1	1.1	0.09	0.04	0.04	0.04	0.04	12
13						1.1	0.88	0.21	0.04	0.04	0.04	0.04	13
14						0.99	0.57	0.2	0.18	0.18	0.18	0.18	14
15						0.85	0.65	0.22	0.07	0.07	0.07	0.07	15
16						0.78	0.7	0.22	0.05	0.05	0.05	0.05	16
17						0.78	0.76	0.21	0.05	0.05	0.05	0.05	17
18						0.82	0.82	0.23	0.05	0.05	0.05	0.05	18
19						0.79	0.87	0.22	0.04	0.04	0.04	0.04	19
20						0.73	0.97	0.21	0.04	0.04	0.04	0.04	20
21						0.71	0.78	0.18	0.04	0.04	0.04	0.04	21
22						0.67	0.43	0.14	0.04	0.04	0.04	0.04	22
23						0.49	0.32	0.1	0.04	0.04	0.04	0.04	23
24						0.5	0.37	0.1	0.04	0.04	0.04	0.04	24
25						0.52	0.31	0.18	0.04	0.04	0.04	0.04	25
26						0.55	0.26	0.26	0.04	0.04	0.04	0.04	26
27						0.56	0.83	0.06	0.03	0.03	0.03	0.03	27
28						0.5	0.34	0.13	0.03	0.03	0.03	0.03	28
29						0.59	0.26	0.66	0.04	0.04	0.05	0.05	30
30						0.73	0.19	0.3	0.05	0.05	0.05	0.05	30
31						0.75	0.2		0.05				31

TOTAL

21.74 5.9 1.48 TOTAL

MEAN

0.7 0.19 0.04 MEAN

AC-FT

43.12 11.7 2.95 AC-FT

MAX

1.2 0.66 0.18 MAX

MIN

0.19 0.06 0.03 MIN

## SUMMARY FOR THE YEAR 1974

CFS

AC-FT

MAXIMUM DAILY DISCHARGE, 1.7 CPS

MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY LIMITS OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: SEASONAL RECORDING.

DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.

GAUGE MONITORS SEASONAL DIVERSION OF WATER

FROM WILMOT CREEK TO ORONO MILL POND.

## ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						2.2	1.1	1.9	1.1	0.3	0.41	0.41	01
02						2.1	1.1	1.9	0.79	0.03	0.36	0.36	02
03						2.0	1.0	1.9	0.81	0.03	0.11	0.11	03
04						1.9	1.0	1.8	0.55	0.04	0.04	0.04	04
05						1.8	0.89	1.7	0.29				05
06							1.7	1.1	1.7	0.15	0.04	0.04	06
07							1.6	0.98	1.7	0.03	0.04	0.04	07
08							1.5	0.93	1.6	0.03	0.04	0.04	08
09							1.5	0.87	1.9	0.17	0.04	0.04	09
10							1.4	0.73	1.9	0.41	0.25		10
11						2.6	1.5	0.72	2.1	0.72	0.09	0.09	11
12						3.0	1.3	0.67	2.2	0.64	0.08	0.08	12
13						2.9	1.3	1.1	2.2	0.65	0.07	0.07	13
14						3.1	1.2	1.1	2.0	0.68	0.07	0.07	14
15						3.1	1.1	1.5	1.9	0.64	0.07	0.07	15
16							3.2	1.2	0.59	1.4	0.06	0.07	16
17							3.0	1.1	0.36	0.85	0.58	0.06	17
18							3.0	1.0	0.29	1.4	0.6	0.06	18
19							3.0	1.1	1.7	1.8	0.55	0.05	19
20							2.9	1.0	1.6	1.6	0.53	0.05	20
21							2.8	1.1	1.8	1.2	0.51	0.07	21
22							2.7	0.93	1.8	0.79	0.19	0.06	22
23							2.7	0.89	1.8	0.64	0.04	0.05	23
24							2.7	1.0	1.9	0.59	0.04	0.05	24
25							2.5	0.99	2.0	0.53E	0.03	0.05	25
26							2.4	0.89	2.1	0.81E	0.03		26
27							2.4	0.91	2.0	1.4	0.03		27
28							2.1	1.0	1.8	1.5	0.03		28
29							1.9	1.0	1.5	1.4	0.02		29
30							2.1	1.2	2.1	1.3	0.02		30
31								1.2	1.9		0.05		31
TOTAL							40.61	40.03	45.61	11.51			TOTAL
MEAN							1.31	1.29	1.52	0.37			MEAN
AC-FT							80.54	79.39	90.46	22.83			AC-FT
MAX							2.2	2.1	2.2	1.1			MAX
MIN							0.89	0.29	0.53	0.02			MIN

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, 3.2 CFS  
 MINIMUM DAILY DISCHARGE, 0.02 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY LIMITS OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: SEASONAL RECORDING.

DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.  
 GAUGE MONITORS SEASONAL DIVERSION OF WATER FROM WILMOT CREEK TO ORONO MILL POND.

B - ICE CONDITIONS

E - ESTIMATED

REGULATED

## ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						0.22	1.5	0.76	0.43	0.04	0.05	0.05	01
02						0.44	1.3	0.6	0.14	0.04	0.05	0.05	02
03						1.4	1.3	0.52	0.08E	0.04	0.05	0.05	03
04						1.4	1.3	0.52	0.08E	0.03	0.05	0.05	04
05						1.3	1.1	0.46	0.08E	0.03	0.05	0.05	05
06							1.1	1.0	0.42	0.08E	0.04	0.05	06
07							1.0	0.93	0.3	0.08E	0.07	0.05	07
08							0.74	0.93	0.22	0.08E	0.05	0.04	08
09							1.0	0.85	0.21	0.08E	0.07	0.04	09
10							1.6	0.82	0.2	0.08	0.07	0.05	10
11							1.6	1.0	0.17	0.06	0.05	0.04	11
12							1.5	0.98	0.14	0.05	0.05	0.04	12
13							1.6	0.83	0.36	0.05	0.05	0.05	13
14							1.7	0.79	0.75	0.04	0.05	0.05	14
15							1.6	0.76	0.77	0.04	0.05	0.04	15
16							1.6	0.76	0.57	0.04	0.04	0.03	16
17							1.5	0.73	0.62	0.04	0.04	0.04	17
18							1.3	0.74	0.66	0.05	0.04	0.05	18
19							1.4	0.69	0.65	0.04	0.04	0.06	19
20							1.2	0.68	0.66	0.06	0.06	0.05	20
21							1.0	0.71	0.67	0.06	0.08	0.03	21
22							1.7	0.65	0.66	0.06	0.06	0.04	22
23							1.5	0.63	0.65	0.07	0.06	0.05	23
24							1.4	0.64	0.65	0.06	0.06	0.05	24
25							1.6	0.61	0.66	0.05	0.06	0.04	25
26							1.3	0.6	0.68	0.05	0.05	0.1	26
27							1.3	0.63	0.71	0.07	0.05	0.2	27
28							1.2	0.61	0.74	0.05	0.05	0.098	28
29							1.2	0.68	0.75	0.05	0.05	0.058	29
30							1.5	0.68	0.53	0.05	0.05	0.048	30
31								0.8	0.43		0.05		31
TOTAL						38.9	26.23	16.69	2.25	1.57	1.62		TOTAL
MEAN						1.29	0.84	0.53	0.07	0.05	0.05		MEAN
AC-FT						77.15	52.02	33.1	4.46	3.11	3.21		AC-F
MAX						1.7	1.5	0.77	0.43	0.08	0.2		MAX
MIN						0.22	0.6	0.14	0.04	0.03	0.03		MIN

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, 1.7 CFS  
 MINIMUM DAILY DISCHARGE, 0.03 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY LIMITS OF THE COMMUNITY OF ORONO.

TYPE OF GAUGE: SEASONAL RECORDING.

DRAINAGE AREA: ARTIFICIAL DIVERSION.

REMARKS: SHARP-CRESTED 90 DEGREE V-NOTCH WEIR.  
 GAUGE MONITORS SEASONAL DIVERSION OF WATER FROM WILMOT CREEK TO ORONO MILL POND.

B - ICE CONDITIONS  
 E - ESTIMATED

REGULATED

## ORONO FOREST STATION DIVERSION CHANNEL - STATION NO. 02HD235

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## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01						2.3	2.0	1.7	1.4				01
02						2.4	1.9	0.71	1.2				02
03						2.3	1.7	0.97	1.1				03
04						2.2	1.6	1.4	1.5				04
05						2.2	1.7	1.5	1.9				05
06						2.2	1.7	0.55	1.9				06
07						2.2	1.6	0.43	1.4				07
08						2.2	1.6	1.1	1.6				08
09						2.2	1.5	1.6	1.5				09
10						2.1	1.4	1.6	1.6				10
11					0.49	2.0	1.3	1.7	1.7				11
12					1.5	2.0	1.2	1.8	1.8				12
13					1.4	2.0	0.09	1.7	1.4				13
14					0.98	2.0	0.52	1.7	1.1				14
15					0.53	2.0	1.6	1.7	1.0				15
16					0.82	1.9	1.8	1.7	1.2				16
17					1.2	2.0	2.0	1.9	1.3				17
18					0.7	2.2	2.0	1.7	1.4				18
19					0.48	2.1	2.0	1.7	1.4				19
20					0.22	2.1	1.9	1.7	1.6				20
21					0.1	2.0	1.9	1.6	1.6				21
22					0.09	2.0	1.8	1.7	1.5				22
23					0.09	2.0	1.8	1.7	1.4				23
24					0.1	1.9	1.8	1.7	1.4				24
25					0.09	2.2	1.8	1.6	1.5 E				25
26					0.56	2.0	1.7	1.6	1.5 E				26
27					0.71	2.0	1.7	1.6	1.5 E				27
28					0.26	1.9	1.7	1.5	1.5 E				28
29					0.38	2.0	1.7	1.5	1.5 E				29
30					0.53	2.0	1.7	1.5	1.5 E				30
31					1.3		1.6	1.5					31
TOTAL						62.6	50.31	46.36	43.9				TOTAL
MEAN						2.08	1.62	1.49	1.46				MEAN
AC-FT						124.16	99.78	91.95	87.07				AC-FT
MAX						2.4	2.0	1.9	1.9				MAX
MIN						1.9	0.09	0.43	1.0				MIN

## SUMMARY FOR THE YEAR 1977

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, 1.9 CFS  
 MINIMUM DAILY DISCHARGE, 0.09 CFS

LOCATION: AT THE SIDE OF STATION STREET, ON THE WESTERLY LIMITS OF THE COMMUNITY OF ORONO.

B - ICE CONDITIONS  
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: ARTIFICIAL DIVERSION.

REGULATED.

REMARKS: GAUGE MONITORS SEASONAL DIVERSION OF WATER FROM WILMOT CREEK TO ORONO MILL POND. STATION DISCONTINUED SEPTEMBER 1977.

## WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1968

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01													01
02													02
03													03
04													04
05													05
06													06
07													07
08													08
09													09
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18													18
19													19
20													20
21													21
22													22
23													23
24													24
25													25
26													26
27													27
28													28
29													29
30													30
31													31
TOTAL													TOTAL
MEAN													MEAN
AC-FT													AC-FT
MAX													MAX
MIN													MIN

## SUMMARY FOR THE YEAR 1968

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, CFS  
 MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.

B - ICE CONDITIONS  
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 8.1 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 SHALLOW V-SHAPED CONCRETE CONTROL.

## WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1969

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.9	25.6	2.7 B	19.3	9.8	4.5	3.3	0.51	0.22	0.18	0.43	4.4 B	01
02	3.0	23.1	2.7	30.1	8.5	5.2	1.8	1.2	0.28	0.21	1.8	4.0 B	02
03	3.0	19.0	2.6	30.6	8.0	7.5	1.3	2.8	0.26	0.28	4.8	4.8 B	03
04	3.1	15.6 B	2.3	29.4	7.9	5.8	1.1	1.5	0.2	0.26	4.7	3.6 B	04
05	3.1	13.6 B	2.1 B	39.4	8.4	4.4	2.0	0.84	0.18	0.22	3.5	3.4 B	05
06	3.1	11.2	1.9 B	40.8	5.7	3.7	1.4	0.58	0.2	0.2	2.9	3.4 B	06
07	3.0	9.5 B	1.7 B	35.5	5.4	3.4	0.97	0.49	0.19	0.23	2.6	13.4	07
08	2.8	8.3 B	1.5 B	30.6	6.0	2.9	0.81	0.45	0.16	0.27	2.4	2.8	08
09	2.8	7.7 B	1.4 B	26.1	7.0	2.4	0.69	0.4	0.14	0.26	2.1	3.3	09
10	2.7	6.6 B	1.5 B	26.1	8.2	2.0	0.68	0.35	0.1	0.23	2.0	3.5 B	10
11	2.5	6.0 B	1.4 B	25.8	10.0	1.9	0.68	0.34	0.13	0.2	2.0	10.4	11
12	2.4	5.8	1.4 B	20.2	11.4	1.8	0.69	0.29	0.17	0.2	2.0	41.8	12
13	2.4	5.4	1.3	17.2	9.0	2.0	1.1	0.28	0.15	0.19	1.9	35.2	13
14	2.3	4.9 B	1.4	15.5	8.9	1.9	0.87	0.25	0.12	0.21	2.8	28.8	14
15	2.1	4.5 B	1.7	13.8	7.8	4.3	0.61	0.24	0.09	0.22	8.2	21.9	15
16	2.1	3.7 B	2.2 B	12.5	6.8	6.6	0.51	0.62	0.11	0.25	8.9	17.1	16
17	2.1	3.4 B	3.9	12.3	6.2	3.0	0.42	3.8	0.34	7.8	13.6 B	17	
18	2.1	3.2 B	12.0	13.4	9.4	2.0	0.37	2.0	0.44	0.31	8.2	10.6 B	18
19	2.5	3.2	20.1	14.1	31.8	1.9	0.33	1.7	0.29	0.27	10.2	9.8	19
20	2.7	3.1	20.9	11.8	71.9	1.8	0.27	1.3	0.23	0.68	19.0	9.3 B	20
21	2.6	3.2	7.8	10.2	45.3	1.4	0.33	0.67	0.21	1.2	16.0	8.5	21
22	2.5	3.4	7.8	10.0	29.8	1.2	0.76	0.49	0.2	0.99	11.7	8.2 B	22
23	2.5	3.5	7.0	19.5	21.0	3.4	0.59	0.39	0.17	0.78	10.6	7.4 B	23
24	4.8	3.4	81.9	26.9	16.2	8.0	0.43	0.32	0.17	0.64	9.3	6.6 B	24
25	10.1 B	3.3	187.0	21.8	13.7	4.2	0.46	0.29	0.2	0.61	8.0	6.0 B	25
26	8.9 B	3.1	84.7	18.0	11.8	2.6	0.76	0.26	0.21	0.57	7.9	5.6 B	26
27	10.0 B	2.9 B	40.0	15.9	9.6	2.0	2.2	0.29	0.19	0.63	6.9	5.1 B	27
28	10.7 B	2.8 B	37.7	14.6	8.1	1.6	3.2	0.29	0.19	0.6	5.1	4.7 B	28
29	11.5 B		45.5	14.4	7.3	1.3	2.4	0.2	0.18	0.49	5.4	4.3	29
30	12.6		36.6	11.9	6.1	1.9	0.96	0.23	0.18	0.45	5.2	3.8	30
31	24.7		26.7		5.1		0.63	0.21		0.44		3.6	31
TOTAL	153.4	209.0	856.4	627.7	470.8	96.6	32.62	23.58	5.9	12.61	184.33	313.9	TOTAL
MEAN	4.94	7.40	27.62	20.92	15.18	3.22	1.05	0.76	0.19	0.4	6.14	10.12	MEAN
AC-FT	304.20	414.55	1698.66	1245.04	933.83	191.6	64.7	46.77	11.7	25.01	365.61	622.62	AC-FT
MAX	24.7	25.6	187.0	40.8	81.8	8.0	3.3	3.8	0.44	1.2	19.0	41.8	MAX
MIN	2.1	2.8	1.3	10.0	5.1	1.2	0.27	0.2	0.09	0.18	0.43	2.8	MIN

## SUMMARY FOR THE YEAR 1969

MEAN DISCHARGE, 8.2 CFS  
 TOTAL DISCHARGE, 5930 AC-FT  
 MAXIMUM DAILY DISCHARGE, 187 CFS  
 MINIMUM DAILY DISCHARGE, 0.09 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.

B - ICE CONDITIONS  
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 8.1 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 SHALLOW V-SHAPED CONCRETE CONTROL.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.0	1.3	2.2 B	35.6	9.2	2.1	0.58	0.53	0.0	0.55	0.54	13.7	01
02	2.3	1.5 B	2.2	46.7	10.4	1.9	0.54	0.46	0.0	0.44	0.47	13.8	02
03	2.0	2.2 B	2.1 B	58.4	8.7	1.7	0.47	0.4	0.01	0.44	0.39	11.7	03
04	1.9	2.3 B	2.2	53.7	7.6	1.5	1.7	0.35	0.12	0.52	0.36	10.4	04
05	2.0	3.8 B	2.6	48.7	7.9	1.3	2.05	0.32	0.18	0.42	0.33	9.4	05
06	2.0 B	5.9 B	2.6	50.2	7.0	1.1	1.2	0.28	0.12	0.3	0.32	8.4	06
07	2.0 B	6.9	2.7 B	67.1	6.0	1.0	0.71	0.26	0.05	0.26	0.29	8.1	07
08	2.1 B	7.5	2.7 B	66.6	2.5	0.96	0.53	0.24	0.02	0.23	0.27	8.2	08
09	2.1 B	7.0	2.7 B	102.0	5.4	0.87	0.42	0.21	0.0	0.21	0.76	9.3	09
10	2.2 B	6.8	2.6 B	73.6	5.2	0.76	0.39	0.19	0.06	0.22	0.64	10.4	10
11	2.4 B	6.4	2.7 B	44.6	4.6	0.78	0.69	0.12	0.09	0.49	0.66	17.3	11
12	2.1 B	5.4 B	2.6 B	33.2	4.2	0.85	1.1	0.11	0.05	0.5	1.8	13.9 B	12
13	2.2 B	5.1 B	2.6	26.9	4.0	0.59	0.66	0.09	0.0	0.57	3.5	11.4 B	13
14	2.2 B	4.7 B	2.7	22.7	3.4	0.54	0.57	0.08	0.0	0.59	2.8	10.8	14
15	2.2 B	4.6 B	2.8 B	19.2	3.1	0.49	1.1	0.07	0.0	0.56	3.8	9.3 B	15
16	2.1 B	4.2 B	2.8 B	16.4	6.0	0.49	1.2	0.06	0.24	0.45	5.1	8.2 B	16
17	2.0 B	3.8 B	2.8 B	14.6	11.3	0.82	1.9	0.06	0.29	0.59	4.4	6.8 B	17
18	1.9 B	3.7	2.9 B	13.3	8.7	1.1	1.0	0.07	0.24	0.35	3.9	7.6	18
19	1.8	3.4 B	3.4 B	13.7	7.0	0.71	0.61	0.07	0.22	0.28	3.4	7.9	19
20	1.9	3.3 B	4.5 B	13.2	5.8	0.59	2.4	0.08	0.17	0.26	6.0	8.8	20
21	1.6	3.2	6.9	15.7	4.9	0.54	7.9	0.07	0.16	0.27	17.1	8.4 B	21
22	1.4 B	3.1	16.1	14.7	5.0	0.45	3.5	0.07	0.15	0.58	15.0	7.6 B	22
23	1.4 B	2.9 B	30.1	13.1	4.9	0.37	1.4	0.08	0.08	0.87	12.3	7.5 B	23
24	1.1 B	3.0	38.9	15.0	4.0	0.31	1.3	0.06	0.07	0.59	8.7	7.4 B	24
25	1.0 B	2.7	43.7	24.9	3.8	0.28	0.92	0.04	0.08	0.45	6.9	7.3 B	25
26	0.99 B	2.5 B	54.8	22.1	4.9	0.27	0.83	0.03	0.11	0.41	6.4	6.9 B	26
27	0.98	2.5	69.3	18.1	3.0	1.5	0.76	0.0	0.29	0.39	7.0	6.9 B	27
28	1.0	2.2	68.0	15.6	2.4	1.0	0.68	0.0	0.39	0.39	11.1	6.6 B	28
29	1.2	47.0 B	12.9	2.7	0.61	0.63	0.0	0.48	0.35	15.1	6.2 B	29	
30	1.3	36.3 B	10.5	2.3	0.73	0.59	0.02	0.43	0.33	15.1	5.5 E	30	
31	1.2		31.8 B		2.1		0.53	0.04		0.4		5.5 E	31
TOTAL	55.17	111.9	497.3	1003.0	472.4	20.21	39.31	4.46	4.1	13.06	154.43	287.0	TOTAL
MEAN	1.77	3.99	16.04	33.43	5.55	0.87	1.26	0.14	0.13	0.42	5.14	9.25	MEAN
AC-FT	109.42	221.95	986.39	1989.45	341.55	51.98	77.97	8.84	8.13	25.9	306.31	569.26	AC-FT
MAX	3.0	7.5	69.3	102.0	11.3	2.1	7.9	0.53	0.48	0.87	17.1	17.3	MAX
MIN	0.98	1.3	2.1	10.5	2.1	0.47	0.39	0.0	0.0	0.21	0.27	5.5	MIN

## SUMMARY FOR THE YEAR 1970

MEAN DISCHARGE, 6.5 CFS  
 TOTAL DISCHARGE, 4700 AC-FT  
 MAXIMUM DAILY DISCHARGE, 102 CFS  
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.

B - ICE CONDITIONS  
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 8.1 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 SHALLOW V-SHAPED CONCRETE CONTROL.

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1971

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	5.5 E	2.5 E	16.8	15.2 E	9.7	1.3	0.39	0.18	0.17	0.35	0.35	1.2 E	01
02	5.5 E	2.4 E	15.7 B	35.3 E	9.7	1.4	0.32	0.13	0.1	0.11	0.36	1.1 B	02
03	5.5 E	2.2 E	15.5 B	38.7 E	10.1	3.1	0.25	0.08	0.07	0.05	0.38	0.97 B	03
04	7.1 E	2.1 E	13.7 B	37.8 E	10.6	2.1	0.22	0.07	0.05	0.08	0.37	0.9 B	04
05	5.8	2.2	15.0 B	33.8 E	9.8	1.5	0.21	0.05	0.05	0.06	0.37	0.86 B	05
06	7.1	2.8	13.6 B	34.5 E	8.8	1.2	0.5	0.04	0.23	0.18	0.37	1.0	06
07	6.7 B	2.8	12.9 B	66.4 E	7.8	1.0	0.63	0.03	0.28	0.48	0.5	2.1	07
08	6.8 B	2.5	13.0 B	78.2	7.6	1.7	0.39	0.02	0.17	0.54	0.53	2.8	08
09	6.8 B	2.3 B	11.7 B	89.6	9.7	2.6	0.28	0.01	0.08	0.28	0.4	4.3	09
10	6.7 B	2.4 B	11.4 B	129.0	8.2	1.1	0.2	0.0	0.05	0.6	0.45	9.2	10
11	6.3	2.4 B	10.9	117.0	6.7	0.91	0.16	0.01	0.04	0.79	0.68	15.4	11
12	6.3 E	2.4	9.9 B	119.0	6.3	0.79	0.11	0.0	0.04	0.62	0.9	12.9	12
13	4.9 E	2.3 B	9.3 B	120.0	6.0	0.76	0.33	0.0	0.06	0.69	0.68	10.4	13
14	4.9 E	2.1 B	8.8 B	101.0	5.9	0.62	1.8	0.01	0.13	0.85	0.5	7.7	14
15	4.9 E	2.6 B	10.7	63.3	4.8	0.56	1.3	0.07	0.15	1.2	0.57	9.0	15
16	4.1	2.9 B	27.8	47.4	4.4	0.52	0.61	0.05	0.1	0.43	0.61	24.0	16
17	3.8	3.0	35.0	38.7	4.1	0.47	0.53	0.02	0.07	0.39	0.54	21.1	17
18	3.7	3.1	33.1 B	33.2	3.7	0.43	0.5	0.0	0.06	0.41	0.5	15.7 B	18
19	3.6	3.2	29.4	30.2	3.4	0.39	0.4	0.0	0.06	0.4	0.58	10.2 B	19
20	3.3	3.5	26.7	26.9	3.7	0.36	0.32	0.0	0.32	0.32	0.81	8.6	20
21	3.0	3.8	23.4	23.8	4.2	0.66	0.26	0.0	0.61	0.27	1.3	9.4	21
22	2.9	4.0	0.05 E	20.1	5.1	0.73	0.21	0.01	0.46	0.27	1.3	8.3 B	22
23	2.9	5.5	18.6 E	16.8	2.5	0.47	0.17	0.07	0.28	0.27	0.86	6.1 B	23
24	2.9	6.0	17.5 E	14.9	2.3	0.4	0.18	0.03	0.28	0.27	0.66	7.2	24
25	2.8	7.1	10.1 E	13.6	2.8	1.5	0.23	0.02	0.23	0.52	0.61	7.1 B	25
26	2.9	7.9	15.6 E	12.4	2.7	3.4	0.23	0.01	0.17	0.65	0.67	6.5 B	26
27	2.8 E	12.3	14.3 E	11.4	3.2	1.1	0.4	0.02	0.08	0.56	0.87	5.9 B	27
28	2.7 E	17.3	13.8 E	10.4	2.7	0.64	0.28	0.25	0.05	0.46	1.4	4.8	28
29	2.7 E	13.4 E	11.2	2.0	0.53	0.24	0.58	0.08	0.38	1.6	4.5	29	
30	2.5 E	13.4 E	10.3	1.8	0.45	0.26	0.38	0.07	0.34	1.2	3.9 B	30	
31	2.5 E		12.9 E		1.5		0.23	0.26		0.35		3.9 B	31
TOTAL	139.9	115.6	499.95	1400.1	169.2	32.69	12.14	2.4	4.59	13.19	20.92	227.03	TOTAL
MEAN	4.51	4.12	16.12	46.67	5.45	1.08	0.39	0.07	0.15	0.42	0.69	7.32	MEAN
AC-FT	277.49	229.29	991.65	2777.09	335.6	64.84	24.07	4.76	9.1	26.16	41.49	450.31	AC-FT
MAX	7.1	17.3	35.0	129.0	10.6	3.4	1.8	0.58	1.2	1.6	24.0	24.0	MAX
MIN	2.5	2.1	0.05	10.3	1.5	0.36	0.11	0.0	0.04	0.05	0.35	0.86	MIN

## SUMMARY FOR THE YEAR 1971

MEAN DISCHARGE, 7.2 CFS  
 TOTAL DISCHARGE, 5230 AC-FT  
 MAXIMUM DAILY DISCHARGE, 129 CFS  
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.

B - ICE CONDITIONS  
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

NATURAL FLOW

DRAINAGE AREA: 8.1 SQUARE MILES.

REMARKS: BROAD-CRESTED 120 SHALLOW V-SHAPED CONCRETE CONTROL.

## WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1972

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	3.6 B	3.1 B	2.1	39.1	10.5	8.5 E	14.2	1.1	0.28	2.6	0.0	16.0	01
02	3.4 B	2.8 B	2.1	55.1	10.9	7.1 E	9.9	1.1	0.24	1.3	7.1	15.0	02
03	3.2	2.5 B	2.0	62.5	15.2	4.4 E	9.0	1.7	0.28	0.91	9.3	10.3 B	03
04	3.2	2.8 B	1.9 B	59.8	14.1	3.4 E	9.3	1.6	0.29	0.7	9.2	7.9 B	04
05	3.1 B	2.6 B	1.8 B	34.5 E	15.6	3.4 E	7.2	1.1	0.27	1.1	9.1	7.8 B	05
06	3.0	2.5 B	1.8	28.6 E	15.3	3.4 E	5.8	1.0	0.24	1.2	8.3	35.9	06
07	2.8	2.4 B	1.8	31.6 E	17.2	4.0 E	5.1	1.1	0.22	2.9	7.8	50.7	07
08	2.6 B	2.3 B	2.2	31.6 E	14.9	5.3 E	4.5	1.8	0.36	2.2	24.7	36.1	08
09	2.7	2.2 B	2.1 B	35.3 E	12.6	14.3 E	3.8	2.2	0.4	1.2	65.5	24.9	09
10	3.3	2.2 B	2.0 B	41.4 E	10.2	9.9 E	5.4	1.9	0.39	0.95	46.2	19.5	10
11	3.5	2.1	1.9 B	67.7 E	8.6	8.5 E	5.9	1.4	0.33	0.84	32.4	14.7 B	11
12	3.6	2.1	1.9	111.0	7.5	8.5 E	7.2	1.1	0.28	0.81	24.6	12.5 B	12
13	6.8	4.7 B	1.9 B	132.0	6.5	7.7 E	6.5	1.0	0.27	0.8	19.6	26.7	13
14	4.9 B	17.5 B	1.9 B	130.0	6.0	6.6 E	5.8	1.4	0.28	0.77	16.2	36.5	14
15	4.3 B	8.3 B	1.9	130.0	5.9	5.7	5.5	1.7	0.26	0.78	13.7	20.0 B	15
16	4.3 B	7.7 B	2.0	101.0	9.7	4.9	6.7	1.2	0.23	0.89	11.0	13.3 B	16
17	4.4 B	7.1 B	3.0 B	82.6	10.0	3.8	4.4	0.95	0.2	0.97	9.9	13.9 B	17
18	5.5 B	6.6 B	4.4	88.4	8.1	3.1	3.1	0.82	0.18	0.79	8.7	14.7 B	18
19	15.0	6.2 B	4.5 B	72.4	8.7	2.8	2.5	0.7	0.19	0.75	8.4	13.6	19
20	11.5	5.2 B	4.7 B	54.2	7.2	2.5	2.2	0.59	0.18	1.0	0.0	12.2 B	20
21	7.7 B	4.8 B	4.4	41.6	6.1	5.5	2.1	0.54	0.17	1.1	7.2	10.1 B	21
22	7.7 B	4.0 B	8.4	33.8	4.9	12.5	2.0	0.49	0.16	1.1	7.4 E	9.2	22
23	22.4	3.4 B	15.0	33.4	4.2	14.5	3.1	0.53	0.14	4.1	7.0 E	8.8	23
24	16.2	3.2 B	14.6	29.2	3.6	27.5	2.8	0.54	0.21	10.5	7.1 E	8.7	24
25	16.5 B	3.0	14.1 B	25.5	3.1	26.9	2.8	0.8	0.27	12.2	7.4 E	8.7	25
26	9.2 B	2.7	13.5 B	21.2	2.8	24.4	4.0	0.86	0.34	10.5	15.6 E	8.0	26
27	6.7 B	2.5 B	13.1 B	17.8	2.5	20.8	2.7	0.63	0.36	8.2	27.1	9.0	27
28	5.6 B	2.4	13.2 B	15.2	2.3	15.9	2.1	0.53	0.32	7.1	28.4	8.9	28
29	4.9 B	2.4	13.0 B	13.5	2.1 E	12.1	1.7	0.44	0.35	7.5	29.3	8.8 E	29
30	4.3 B	18.4	11.8	28.8	2.8 E	14.7	1.4	0.37	1.6	7.0	18.5	10.6 E	30
31	3.7 B		27.8		4.9 E		1.1	0.33		6.3		10.3 E	31
TOTAL	199.6	121.3	203.4	1631.8	254.1	292.6	149.8	31.52	9.29	99.06	493.1	508.1	TOTAL
MEAN	6.43	4.18	6.56	54.39	8.19	9.75	4.83	1.01	0.3	3.19	16.43	16.39	MEAN
AC-FT	395.9	240.59	403.44	3236.67	504.0	580.37	297.12	62.51	18.42	19.48	97.00	1007.81	AC-FT
MAX	22.4	17.5	27.8	132.0	17.2	27.5	14.2	2.2	1.6	12.2	65.5	50.7	MAX
MIN	2.6	2.1	1.8	11.8	2.1	2.5	1.1	0.33	0.14	0.7	8.0	7.8	MIN

## SUMMARY FOR THE YEAR 1972

MEAN DISCHARGE, 10.9 CFS  
 TOTAL DISCHARGE, 7930 AC-FT  
 MAXIMUM DAILY DISCHARGE, 132 CFS  
 MINIMUM DAILY DISCHARGE, 0.14 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.

B - ICE CONDITIONS  
 E - ESTIMATED

NATURAL FLOW

## WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1973

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY	
01	46.0	13.8 E	1.9	18.7	13.3	7.4	0.56	0.69	0.06	0.19	2.8	7.4	01	
02	54.0	7.4 E	2.2	70.5	40.4	7.4	0.53	4.5	0.05	0.1	3.1	5.8	02	
03	45.0	84.5 E	4.7	91.1	19.8	5.7	0.49	2.5	0.04	0.35	3.2	5.9	03	
04	38.9	51.0 E	43.8	64.2	17.4	5.5	0.54	1.0	0.03	0.47	2.9	6.6	04	
05	39.7	31.0	34.0	73.4	14.1	5.1	0.5	0.57	0.03	0.9	2.5	10.8	05	
06	27.6 D	21.2	48.7	51.1	10.6	4.4	0.47	0.48	0.07	1.1	2.2	22.0	06	
07	16.1 D	16.9	63.7	35.7	9.9	5.7	0.41	0.38	0.05	0.8	2.0	18.5	07	
08	6.7 B	13.7	79.9	26.5	11.5	4.7	0.34	0.32	0.03	0.6	2.0	14.8	08	
09	6.4 B	10.3 B	51.3	20.3	10.4	3.5	0.3	0.3	0.03	0.49	1.9	12.3	09	
10	6.4 B	8.7 D	34.8	17.7	9.4	4.7	0.32	0.29	0.03	0.36	1.6	12.4	10	
11	6.4 E	7.6 B	32.2	16.4	9.3	2.2	0.51	0.28	0.01	0.29	1.3	13.0	11	
12	6.2 D	6.6 D	40.6	14.3 E	10.1	2.2	0.42	0.22	0.0	0.29	1.5	10.4	12	
13	6.1	5.4 D	35.0	12.5 E	11.2	2.1	0.35	0.2	0.0	0.32	1.6	8.7	13	
14	6.0	5.2 E	27.0	11.0 E	9.4	1.8	0.34	0.17	0.0	0.39	1.6	7.5 B	14	
15	5.9	4.9 B	31.4	9.9 E	9.9	1.7	0.28	0.16	0.01	0.38	2.3	6.8 B	15	
16	5.8	4.6 B	32.8	8.2 E	8.5	1.8	0.25	0.07	0.0	0.34	5.7	5.7 B	16	
17	5.8	3.8 B	55.7	9.3	8.0	1.8	0.2	0.06	0.0	0.3	4.6	4.8 B	17	
18	7.2	3.6	69.2	11.5	8.6	1.8	0.17	0.06	0.25	0.38	4.5	4.7 B	18	
19	12.4	3.5	45.0	6.7	9.9	1.7	0.14	0.07	0.54	0.49	4.4	4.5 B	19	
20	23.8	3.5	32.5	5.7	8.1	1.4	0.17	0.09	0.51	0.48	3.7	3.8 B	20	
21	21.8 B	3.6	25.2	5.1	8.7	1.1 E	0.15	0.27	0.32	0.42 E	3.6	4.3 B	21	
22	29.9	3.6	20.6	5.5	9.3	1.0 E	0.12	0.35	0.43	0.37 E	4.3	4.3 B	22	
23	77.4	3.1 D	17.0	5.4	7.9	0.96	0.08	0.36	0.82	0.34	4.0	3.9	23	
24	51.7	3.0 B	15.9	6.0	5.9	0.93	0.07	0.27	1.0	0.28	4.2	3.6 B	24	
25	33.6	2.5 D	14.3	8.3	5.3	0.89	0.07	0.19	0.25	8.4	4.3	25		
26	25.2	2.2 B	12.9	6.3	5.2	0.79	0.11	0.15	0.55	0.3	8.4	12.5 B	26	
27	19.9	1.9 B	10.6 E	7.1	5.8	0.67	0.18	0.12	0.41	0.27	7.8	30.3 B	27	
28	15.3	1.8 B	10.6 E	19.1	7.5	0.62	0.14	0.09	0.3	0.23	8.6	37.1	28	
29	12.1 B		10.6 E	17.4	11.0	0.62	0.18	0.07	0.25	0.23	9.5	32.5	29	
30	11.0 B			9.9 E	15.4	8.6	0.17	0.05	0.21	0.81	8.4	33.6	30	
31	10.3 E			8.8 E		7.4		0.13	0.05		2.0		29.5	31
TOTAL	682.6	423.9	922.8	676.3	308.4	78.78	8.69	14.38	6.82	14.63	123.6	382.1	TOTAL	
MEAN	22.01	15.13	29.76	22.54	9.94	2.62	0.28	0.46	0.22	0.47	4.12	12.32	MEAN	
AC-FT	1353.93	840.8	1830.37	1341.44	611.31	156.26	17.23	26.52	13.52	29.01	245.16	757.89	AC-FT	
MAX	77.4	97.4	79.9	91.1	19.8	7.4	0.56	4.5	1.0	2.0	9.5	37.1	MAX	
MIN	5.8	1.8	1.9	5.1	5.2	0.6	0.07	0.05	0.0	0.19	1.3	3.6	MIN	

## SUMMARY FOR THE YEAR 1973

MEAN DISCHARGE, 10.0 CFS  
 TOTAL DISCHARGE, 7220 AC-FT  
 MAXIMUM DAILY DISCHARGE, 97.4 CFS  
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.

B - ICE CONDITIONS  
 E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8.1 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED 120 SHALLOW V-SHAPED CONCRETE CONTROL.

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01			11.9	28.6	9.2	4.9	1.1	0.24	0.07	0.14	0.19	1.9	01
02			13.7	53.1	7.2	3.9	0.83	0.19	0.09	0.15	0.19	2.0	02
03			16.0	89.3	6.2	3.6	0.78	0.17	0.04	0.16	0.2	2.0	03
04			67.7	178.0	5.9	5.3	0.66	0.83	0.07	0.16	0.45	1.7	04
05			114.0	92.0	5.3	5.0	0.52	1.1	0.07	0.15	0.51	1.3	05
06			81.2	52.5	6.3	3.0	0.35	0.43	0.06	0.13	0.41	1.1	06
07			83.9	37.7	7.3	2.2	0.29	0.25	0.05	0.12	0.3	1.1	07
08			55.7	32.1	6.8	2.0	0.2	0.17	0.06	0.11	0.19	12.9	08
09			34.7	25.3	10.1	1.8	0.2	0.12	0.06	0.11	0.19	30.7	09
10			24.3	21.3	26.5	1.6	0.36	0.11	0.03	0.1	0.19	19.2	10
11			18.0	20.7	25.0	1.4	0.25	0.09	0.04	0.09	0.18	14.3	11
12			15.2	20.4	30.6	1.3	0.19	0.08	0.04	0.1	0.23	13.3	12
13			13.1	20.8	21.1	1.3	0.16	0.08	0.03	0.12	1.0	12.4	13
14			10.8	22.3	38.0	1.1	0.15	0.07	0.05	0.36	1.3	9.9	14
15			9.1	27.2	28.0	1.1	0.14	0.05		0.82	1.1	6.7	15
16			8.2	23.3	21.0	2.8	0.13	0.05		0.78		5.2	16
17			7.4	20.1	19.3	2.5	0.12	0.07		0.61		5.2	17
18			6.7	17.5	18.0	1.7	0.11	0.08		0.48		5.1	18
19			7.0	15.1	12.4	1.5	0.1	0.11		0.3		5.2	19
20			6.5	13.1	9.9	2.4	0.09	0.15		0.19		5.4	20
21			5.1	11.3	8.5	1.7	0.09	0.0		0.18		5.4	21
22			5.4	11.3	7.6	1.5	0.08	0.02		0.17		4.9	22
23			5.2	14.5	7.4	1.2	0.1	0.06		0.17		4.8	23
24			5.4	12.1	6.8	0.93	0.2	0.06		0.15	2.9	4.6	24
25			5.5	10.1	6.1	0.9	0.35	0.09		0.16	2.6	4.2	25
26			4.8	8.5	5.7	1.0	0.43	0.51		0.16	2.1	4.4	26
27			4.6	7.4	5.7	0.91	0.34	0.24		0.15	1.9	3.7	27
28			3.8	6.0	5.4	0.73	0.27	0.05		0.14	1.9	3.5	28
29			3.6	6.4	8.8	1.3	0.23	0.05	0.15	0.14	1.8	3.5	29
30			3.9	7.2	5.0	1.6	0.38	0.04	0.15	0.15	1.9	3.4	30
31			12.6		4.1		0.3	0.03		0.18		3.5	31
TOTAL			665.0	905.8	413.2	62.17	9.5	5.59		0.93		202.5	TOTAL
MEAN			21.45	30.19	13.32	2.07	0.3	0.18		0.22		6.53	MEAN
AC-FT			1319.02	1796.65	819.58	123.31	18.84	11.08		13.74		401.65	AC-FT
MAX			114.0	178.0	51.1	5.3	1.1	1.1		0.82		30.7	MAX
MIN			3.6	6.4	4.1	0.73	0.08	0.0		0.09		1.1	MIN

## SUMMARY FOR THE YEAR 1974

MEAN DISCHARGE, CFS  
 TOTAL DISCHARGE, AC-FT  
 MAXIMUM DAILY DISCHARGE, 178.0 CFS  
 MINIMUM DAILY DISCHARGE, 0.0 CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.

B - ICE CONDITIONS

E - ESTIMATED

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8.1 SQUARE MILES.

NATURAL FLOW

REMARKS: BROAD-CRESTED SHALLOW V-SHAPED CONCRETE CONTROL.

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1975

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01	2.5 E	1.1 B	19.0	18.3	6.8	2.3	0.19	0.05	0.0	1.3	1.9	01	
02	2.6 B	0.9 B	15.0	17.5	7.0	1.4	0.18	0.02	0.0	1.7	2.2	02	
03	2.6 B	0.748	11.6	12.8	6.0	1.0	0.21	0.04	0.0	1.5	2.0	03	
04	2.7 B	0.628	10.3	11.6	5.4	0.9	0.19	0.1	0.0	1.3	1.9	04	
05	2.8 B	0.5 B	8.7	14.7	6.5	1.5	0.15E	0.09	0.0	1.1	1.7	05	
06	2.9 B	0.446	8.0	14.7	5.5	4.4	0.13E	0.05	0.0	1.1	1.6	06	
07	3.0 B	0.438	7.4	13.6	4.6	3.1	0.11E	0.04	0.0	1.0	2.0	07	
08	3.4	0.428	6.9	13.5	4.1	2.9	0.1 E	0.04	0.0	0.92	5.8	08	
09	4.7	0.438	6.5	13.9	3.7	2.9	0.09E	0.0	0.0	0.87	7.5	09	
10	7.1	0.458	6.1	14.1	3.2	1.5	0.09E	0.0	0.0	0.89	12.3	10	
11	40.5	0.458	6.4	14.8	3.0	1.0	0.11E	0.02	0.05	0.95	25.4	11	
12	70.4	0.438	6.1	17.5	2.8	1.5	0.1 E	0.01	0.27	0.95	20.1	12	
13	53.9	0.428	10.1	21.3	2.7	2.8	0.09E	0.04	0.1	1.1	15.8	13	
14	36.9	0.428	13.4	28.1	2.5	1.8	0.09E	0.02	0.1	1.7	12.3	14	
15	23.7	0.418	12.5	36.9	2.3	1.3	0.08E	0.0	0.16	1.7	9.7	15	
16	18.2	0.4 B	12.6	40.7	2.5	3.8	0.07E	0.0	0.14	1.4	8.4	16	
17	15.3	0.388	17.7	39.6	2.1	2.7	0.07E	0.0	0.12	1.1	7.3	17	
18	14.1	0.358	31.5	36.5	1.9	1.7	0.06E	0.0	0.12	2.4	6.5	18	
19	9.6	0.398	91.8	81.3	1.7	1.4	0.07E	0.0	0.5	3.0	5.8	19	
20	8.5 B	0.438	194.0	61.3	1.4	1.4	0.07E	0.0	0.22E	3.2	5.4	20	
21	7.8 B	0.488	90.3	39.2	1.3	1.1	0.07E	0.0	0.21E	3.1	5.3	21	
22	6.8 B	1.8	67.3	28.4	1.2	1.0	0.06E	0.0	0.19E	3.2		22	
23	6.2 B	2.7	64.6	22.0	1.1	0.89	0.04E	0.0	0.19E	3.0		23	
24	5.8 B	14.3	54.4	22.1	1.0	0.8	0.03E	0.0	0.2 E	2.8		24	
25	5.3 B	42.0	52.1	18.6	0.92	0.75	0.04E	0.0	0.26E	2.6		25	
26	4.0 B	33.6	45.5	14.5	0.89	0.61	0.1	0.0	3.7	2.5		26	
27	3.2 B	29.1	33.2	11.8	0.87	0.51	0.12	0.0	4.8	2.3		27	
28	2.7 B	22.8	26.7	10.0	0.78	0.47	0.11	0.0	2.9	2.1		28	
29	2.3 B		25.2	8.5	0.69	0.44	0.09	0.01	2.0	2.0		29	
30	1.7 B		24.8	7.4	1.1	0.28	0.13	0.05	1.6	1.9		30	
31	1.4 B		20.3		1.7		0.07	0.0		1.7		31	
TOTAL	372.6	156.89	1000.0	705.2	87.25	48.15	3.11	0.58	17.83	56.38		TOTAL	
MEAN	12.01	5.6	32.25	23.5	2.81	1.6	0.1	0.01	0.59	1.81		MEAN	
AC-FT	739.05	311.19	1983.5	1398.76	173.06	95.5	6.16	1.15	35.36	111.82		AC-FT	
MAX	70.4	42.0	194.0	81.3	7.0	4.4	0.21	0.1	4.8	3.2		MAX	
MIN	1.4	0.35	6.1	7.4	0.69	0.28	0.03	0.0	0.0	0.87		MIN	

## SUMMARY FOR THE YEAR 1975

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FTMAXIMUM DAILY DISCHARGE, 194.0 CFS  
MINIMUM DAILY DISCHARGE, 0.0 CFSLOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION  
ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8.1 SQUARE MILES.

REMARKS: BROAD-CRESTED SHALLOW V-SHAPED

CONCRETE CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED

NATURAL FLOW

## WILTON CREEK AT HARROWSMITH - STATION NO. 02HM201

## DAILY DISCHARGE IN CUBIC FEET PER SECOND FOR 1976

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
01				69.2	4.0	4.6	0.84						01
02				55.4	5.3	3.7	0.89						02
03				38.7	4.5	3.1	1.0						03
04				29.6	5.9	2.6	1.1						04
05				22.5	4.0	2.2	0.95						05
06				17.8	4.5	2.0	0.67						06
07				14.5	10.9	2.3	0.47						07
08				12.2	12.1	2.1	0.34						08
09				10.1	9.5	1.7	0.2						09
10				8.4	8.0	1.4	0.2						10
11				7.1	8.4	1.2	0.33						11
12				6.5	9.3	1.2							12
13				10.2	7.4	1.1							13
14				6.4	6.4	1.0							14
15				5.6	6.3	0.93							15
16				5.4	5.6	1.0							16
17				4.5	5.9	1.1							17
18				3.5	7.7	1.1							18
19				9.6	2.9	12.6	1.1						19
20				26.1	5.8	36.4	1.5						20
21				96.5	3.7	38.8	1.5						21
22				83.1	7.1	32.9	1.2						22
23				67.3	7.6	25.1	0.96						23
24				80.5	9.0	18.8	0.87						24
25				86.1	7.4	14.6	2.3						25
26				81.9	7.9	11.8	2.2						26
27				80.5	7.5	9.1	1.7						27
28				81.9	6.5	7.6	1.1						28
29				57.5	5.4	6.3	0.99						29
30				42.9	4.6	5.4	0.89						30
31				39.7		5.1							31
TOTAL				403.0	350.2	50.64							TOTAL
MEAN				13.43	11.29	1.68							MEAN
AC-FT				799.35	694.62	100.44							AC-FT
MAX				69.2	38.8	4.6							MAX
MIN				2.9	4.0	0.87							MIN

## SUMMARY FOR THE YEAR 1976

MEAN DISCHARGE, CFS  
TOTAL DISCHARGE, AC-FTMAXIMUM DAILY DISCHARGE, CFS  
MINIMUM DAILY DISCHARGE, CFS

LOCATION: AT THE BRIDGE ON PORTLAND TWP. CONCESSION

ROAD 5, ABOUT 0.5 MILE WEST OF HARROWSMITH.

TYPE OF GAUGE: CONTINUOUS RECORDING.

DRAINAGE AREA: 8.1 SQUARE MILES.

REMARKS: BROAD-CRESTED SHALLOW V-SHAPED

CONCRETE CONTROL.

B - ICE CONDITIONS  
E - ESTIMATED

NATURAL FLOW





